DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK FY 1998/1999 BIENNIAL BUDGET ESTIMATES **FEBRUARY 1997**



ENETRIBUTION STREETS A Approved for public colouses Execution Unimited

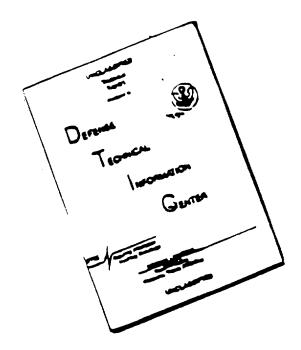
19970314 017

AIRCRAFT PROCUREMENT, AIR FORCE VOLUME II

DIIC QUALITY INSPECTIND 1

OPR: SAF/FMB

DISCLAIMER NOTICE



THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

PLE	ASE CHECK THE APPROPRIATE BLOCK BELOW:
	copies are being forwarded. Indicate whether Statement A, B, C, C, C, D, E, F, or X applies.
囡	APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED
	DISTRIBUTION STATEMENT B: DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES
	ONLY; (Indicate Reason and Date). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO (Indicate Controlling DoD Office). DISTRIBUTION STATEMENT C:
	DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTORS; (Indicate Reason and Date). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO (Indicate Controlling DoD Office).
	DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DOD AND U.S. DOD CONTRACTORS ONLY;
	(Indicate Reason and Date). OTHER REQUESTS SHALL BE REFERRED TO (Indicate Controlling DoD Office), DISTRIBUTION STATEMENT E:
L	DISTRIBUTION AUTHORIZED TO DOD COMPONENTS ONLY; (Indicate Reason and Date). OTHER REQUESTS SHALL BE REFERRED TO (Indicate Controlling
	Dod Office). DISTRIBUTION STATEMENT F: FURTHER DISSEMINATION ONLY AS DIRECTED BY (Indicate Controlling Dod
	Office and Date) or HIGHER DOD AUTHORITY. DISTRIBUTION STATEMENT X:
	DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND PRIVATION INDIVIDUALS OR ENTERPRISES ELIGIBLE TO OBTAIN EXPORT-CONTROLLED TECHNICAL DATA IN ACCORDANCE WITH DOD DIRECTIVE 5230.25,
	WITHHOLDING OF UNCLASSIFIED TECHNICAL DATA FROM PUBLIC DISCLOSURE, 6 Nov 1984 (Indicate date of determination). CONTROLLING DOD OFFICE IS (Indicate Controlling DoD Office).
	This document was previously forwarded to DTIC on (date) and the AD number is
	In accordance with the provisions of DoD instructions, the document requested is not supplied because:
	It is TOP SECRET.
	It is excepted in accordance with DoD instructions pertaining to communications and electronic intelligence.
	It is a registered publication.
	It is a contract or grant proposal, or an order.
	It will be published at a later date. (Enter approximate date, if known.)
	Other. (Give Reason.)
	Print or Typed Name
	Authorized Signature Date Telephone Number

TABLE OF CONTENTS FY 1998/99 PRESIDENT'S BUDGET SUBMISSION Aircraft Procurement Modifications, Air Force

section 1	P-1M Modification Summary	_
section 2	section 2 P-1 Line Item Detail	48
strategic Aircraft	Aircraff	
2	B-2	48
4	B-1	59
5	B-52	95
9	F-117	112
actical Aircraft	ircraft	
7:	A-10	125
80	F/RF-4	136
စ္	F-15	137
9	F-16	185
<u> </u>	EF-111	236
23	T/AT-37	237

Airlift Aircraft

23		366
•		7
4	6-D	5 64
55	C-17A	271
92	C-21	30/
21	C-22	31%
82	C-STOL	3
6	C-137	314
9	C-141	316
Frainer Aircraft	raft	
Σ	F-L	33(
2 2	T_3 (FES)	333
<u> </u>	(C) (A) C-	334
?		770
4	1.41	4
5	T-43	34
Other Aircraft	aft	
9	KC-10	35,
17	C-12	36,
. 8	C-18.	371
6		37,
20	VC-25A	37
51	C-130	38
52	C-135	42
53	E-3.	45
54	Е-4	4 89

54	DAAD	G
54	CLASSIFIED PROJECTS	29
52	OTHER MODIFICATIONS	28
51	H-60	56 57
49	上8.	55

12:09
02/14/97

P-1M MODIFICATION REPORT - 98 PB

TOTAL PROG.	7.		17.6	0.5	6.8	26.3	4.0	17.2	10.0	4.8	40.5	25.7	38.7	4.4	4.2	5.9		
COST TO GO		0.0							5.0		26.4						31.4	31.4
FY-01	4.0	0.4							5.0		7.1					0.1	12.1	12.6
FY-00	0.4	0.4					0.7				7.0		14.0			0.1	21.9	22.2
FY-99	0.3	0.3	0.5		0.2	9.0	4.	9.4					12.9		0.1	0.1	16.0	16.3
FY-98		0.0	9.0		0.2	0.4		9.0					11.8			0.3	13.9	13.9
FY-97		0.0	0.5	0.1	0.0	0.1	1.9	0.3		0.2				1.0	0.5	4.4	6.1	6.1
FY-96		0.0	9.2	0.2	0.0	0.2		0.2		0.1		6.9		0.5	2.2	6.0	20.6	20.6
FY-95			6.4	0.3		25.3		7.0				18.8		9.0		3.0	61.4	61.4
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR B-2	CONTRAIL MANAGEMENT	GFP COMSEC	MILSTAR UHF	ZSR-63 - BAND 4	BRU-44A/A BOMB RACK	DISK DRIVE UNIT (DDU	JASSM	GPS-AIDED TARGETING	POST BLOCK 30 UPDATE	SPARE COMPONENT	SPARES UPGRADES	NAVSTAR GLOBAL POSIT	LOW COST RETROFIT M	LOW COST MODIFICATIO	TOTAL FOR B-2	1
MOD AIRCRAFT CLASS NR	B-2 P-S 99999A		P 110001	110002	110005	110006	110007	110008	110009	110010	110011	110012	110013	3150	N66666	X66666	CLASS P	TOTAL FOR B-2

Page: 1
*** UNCLASSIFIED ***

**
CHIPPE
CUL

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	45.4	4.3	2.5	128.3	1.0	178.5	93.2	7.0	311.3	0.1	2.1	10.2	10.9	20.8	32.0	3.4	172.6	36.4	37.3	4.1
COST TO GO			2.4	2.4		136.3			291.1		2.1	10.2					38.6		24.3	
FY-01				0.0	0.2	28.7			9.8								38.5		9.2	
FY-00	2.5		0.0	33.3	0.2	0.7	15.8		10.4				9.0				39.1		3.8	
FY-99	5.1		0.0	13.4	0.2	12.8	45.6						0.2				33.1	5.6		
FY-98	8.0		0.1	8.1	0.2		14.0						5.2				20.4	5.3		
FY-97	7.7			31.2	0.2		12.7						4.7	1.7	32.0	3.4	3.0	6.9		4.
FY-96	8.1	2.5		10.6			5.2	7.0		0.1			0.2	8.8						
FY-95	4.0	1.8												10.3				5.5		
MODIFICATION TITLE	AFT DC POWER	FIRE WARNING AND EXT	LOW COST SAFETY MODI	TOTAL FOR B-1 NAVSTAR GPS - COMM U	EMERGENCY RESTRAINT	AVIONICS COMPUTERS	JDAM/1760 CONVENTION	CITS DEPLOYABLE DIAG	ECM UPGRADE	MISC ORA MODS	JSOW INTEGRATION	JASSM INTEGRATION	GENERATOR CONTROL	CONVENTIONAL BOMB	ADD'L CONVENTIONAL B	DIRECTION FINDING EN	RF TOWED DECOY SYSTE	SIMULATOR UPDATES	WIND CORRECTED MUNIT	BAND 8 BEAM STEERING
MOD AIRCRAFT CLASS NR	B-1 P-S 10407A	4333	99999A	CLASS P-S P 3150-R	4165	4252	4253	4255	4256	4266	4273	4274	4298	4300	4302	4305	5013	5047	5048	9050

Page: 2
*** UNCLASSIFIED ***

12:09
02/14/97

	TOTAL PROG.	1.9	5.8	48.4	45.9	2.7	35.7	29.6	42.1	4.3		
	COST TO GO			41.6		2.5					546.7	549.1
٠	FY-01			6.9		0.0					93.3	93.3
8 PB	FY-00					0.0			6.6		113.7	116.3
ORT - 98	FY-99		0.3			0.0			11.0		122.2	127.4
ON REP	FY-98	0.6	0.3		1.0	0.1		0.4	11.0		106.2	114.2
FICATION	FY-97	1.3	6.		5.8	0.0		8.5	10.2	4.3	128.5	136.3
P-1M MODIFICATION REPORT - 98 PB	FY-96		3.9		9.2		6.0	17.7			55.9	66.5
P -	FY-95				10.4	0:0	0.0	3.0				
	MODIFICATION TITLE	INTERFEROMETER RCVR	WAVEFORM GENERATOR	INTEGRATED DEFENSIVE	1122 IMPROVEMENT	LOW COST MODIFICATIO	LANCER 101C	LANCER 101D	LANCER 101E	REPROGRAMMINGS	TOTAL FOR B-1	•
02/14/97 12:09	MOD AIRCRAFT CLASS NR	5051	5052	5055	820800	X66666	T4251C	T4251D	T4251E	Z88888	CLASS P	TOTAL FOR B-1

Page: 3
*** UNCLASSIFIED ***

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

101	PROG.	32.2	70.7	9.4	3.1	24.2	5.7	15.8	117.3	34.7	10.8	0.8	10.6		3
ŀ	TO 60								27.9					27.9	27.9
ì	FY-01			2.4					31.5			0.1		34.0	34.0
Š	FY-00		2.7	2.0	9.0	1.5			31.3	4.7		0.1		42.8	42.8
i	FY-99	2.7	5.7	3.9	0.7	5.5		5.1	21.9	15.6		0.1		61.1	61.1
i	FY-98	1.5	3.0	7		0.5		6.6	4.7	11.5		0.1		28.9	28.9
!	FY-97	0.2	0.3	0.1		1.0		4.2		3.0			11.5	20.3	20.3
; ;	FY-96	1.9	0.7			1.1	6.0				1.3			4.8	4.8
:	FY-95	5.1	17.6			3.6	4.8				0.1	0.2	0.1	31.4	31.4
	MODIFICATION TITLE	NAVSTAR GLOBAL POSIT	INTEGRATED CONV STOR	ELECTRO-OPTICAL VIEW	VINSON	ARC-210 RADIO	HARPOON	ADVANCED WEAPON	ECM IMPROVEMENT	GPS TACAN	HIGH RELIABILITY BAT	LOW COST MODIFICATIO	REPROGRAMMINGS	TOTAL FOR B-52	1
	MOD AIRCRAFT CLASS NR	B-52 P 3150	3263	3264	3308	4222	4258	4260	4270	4371	49203B	X66666	Z88888	CLASS P	TOTAL FOR B-52

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	0.9	1	10.5	25.8	8.4	17.7	19.5	50.1	0.4	1.3	2.6	3.7	4.8	2.4	5.2	1.0	24.4	73.6	8.4	1.8	22.0
	 0: 	1.0				6.6											o.	0.	6:0	0.2	3.9
COST TO GO	-	-				o o											14.0	33.0	Ö	Ö	ri ri
FY-01		0.0				5.4							1.6				5.2	16.0	1.0	0.3	3.6
FY-00		0.0		0.1		2.4		9.0		0.2			1.2	9.0			5.0	16.0	1.0	0.2	1.7
FY-99	2.7	2.7		0.1				7.4		0.1		0.0	1.	0.7			0.2	8.6	1.0	7:	4 .5
FY-98	0.8	0.8	0.3	4.0			0.3	15.3		0.2	0.2	0.4	6.0	6.0	0.1				6.0		3.1
FY-97		0:0	2.0	3.7			ۍ. 1.	15.1		0.3	7.0	0.3		0.4	0.9	0.1					0.5
FY-96	77	1:1	8.2	3.5	7:		7.0	11.7	4.0	0.5	9.0	0.3			1.2	0.1					4.7
FY-95				2.4	3.7		2.3			•	9.0				1.3	0.0					
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR F-117	PLATY BRICK/BLOCK RE	AP-102 COMPUTER MEMO	LONGTERM MDPS	STORES MANAGEMENT	HIGH TEMPERATURE	NAVSTAR GLOBAL POSIT	20D15 EXAUST AREA PR	STEEL COMPRESSOR	PARKING BRAKE SWITCH	2000 HOUR COATING	HI-PRESSURE TURBINE	OMNIBUS ENGINE MODIF	ICING DETECTION AND	CREW EMERGENCY	REPLACE LIFE-LIMITED	SINGLE CONFIGURATION	OZONE DEPLETING CHEM	ENGINE ELECTRONIC CO	SERVICE BULLETINS
MOD	A66666	P-S	11324	11326	11330	11331	11332	3150	31901	31904	31907	31913	31922	31927	31929	31934	31936	31937	31942	31968	S66666
CLASS	P-S	CLASS P-S	Ω.																		
AIRCRAFT	F-117																				

Page: 5
*** UNCLASSIFIED ***

12:09	
02/14/97	

P-1M MODIFICATION REPORT - 98 PB

MOD AIRCRAFT CLASS NR	_	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
N66666	LOW COST RETROFIT M		4.0		0.9					4.9
X66666	LOW COST MODIFICATIO	0.8	1.9	0.2		1.8	4.			8.2
CLASS P	TOTAL FOR F-117	11.1	45.2	29.2	27.5	26.6	30.2	33.1	61.9	
TOTAL FOR F-117		11.1	46.3	29.2	28.3	29.3	30.2	33.1	62.9	

8 PB
6 -
OR L
REP
<u>N</u> O
ICATI
片
M
P-18

12:09

02/14/97

TOTAL PROG.	1.6	3.0	203.4	22.8	16.6	4.9	28.6	39.5	5.0	40.8	19.8	0.8		
COST TO GO	0.2	0.2	10.9	18.3		4.9	27.6			32.6	19.8	0.1	114.2	114.4
FY-01	0.1	0.1	36.6	4.5			0.0			7.8		0.1	49.9	50.0
FY-00	0.5	0.5	25.2				0.1			9.0		0.1	26.1	26.6
FY-99	0.7	0.1	24.6						3.0			0.0	28.2	28.3
FY-98	0.4	0.6	21.9						2.0	•		0.1	24.6	25.0
FY-97	0.7	0.1	31.9					3.1				0.1	35.7	35.8
FY-96	0.2	0.5	13.0		3.0			10.3				0.0	26.8	27.0
FY-95	0.0	0.0	11.4		6.5			11.1				0.2	29.7	29.7
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR A-10 TF-34 AGB LIFE IMPRO	EGI	LASTE COMPUTER	IDM	AIRBORNE DATA RECORD	COMMON AIRCRAFT MISS	NIGHT VISION IMAGING	IMPROVED AIRBORNED V	ONBOARD OXYGEN	ELECTRONIC WARFARE	LOW COST MODIFICATIO	TOTAL FOR A-10	•
MOD AIRCRAFT CLASS NR	A-10 P-S 99999A	CLASS P-S P 18202B	3150EG	3301A	3441	37118B	7091	7092	7142	9601	9602	X66666	CLASS P	TOTAL FOR A-10

Page: 7
*** UNCLASSIFIED ***

	TOTAL PROG.	0.6		
	COST TO GO		0.0	0.0
	FY-01		0.0	0:0
8 PB	FY-00		0.0	0.0
ORT - 9	FY-99		0.0	0.0
ON REP	FY-98		0.0	0.0
IFICATION	FY-97	0.0	0.1	0.1
P-1M MODIFICATION REPORT - 98 PB	FY-96	0.0	0.0	0.0
<u>7</u>	FY-95			
	MODIFICATION TITLE	LOW COST MODIFICATIO	TOTAL FOR F/RF-4	
12:09	MOD CLASS NR		CLASS P	TOTAL FOR F/RF-4
02/14/97	AIRCRAFT	F/RF-4		TOTAL

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	18.5		23.1	54.9	17.2	6.4	13.2	6.1	401.0	13.7	52.3	10.6	404.1	556.5	231.2	5.1	9.1	1.5	9.8	0.1	1.9
	 	0.0	3.8								4		•		•						
COST TO GO			6)						187.3												
FY-01	<u> </u>	0.0	5.2		0.7				70.1		1.8							0.2			
FY-00		0.0	3.3	0.9	9.0	1.2			43.5		3.7							9.4	2.4		
FY-99		0.0	6.2	1.9	2.0	3.7			22.8		12.4							0.5			0.3
FY-98		0.0	4.5	2.8	2.8				23.2		15.3							0.2	0.3		0.8
FY-97	1.0	1.0		8.2	1.5			1.2	23.5		6.7				63.6	2.2		0.1	9.1		0.4
FY-96	2.2	2.2		8.8			1.9			1.4	3.4	1.7	9.2	1.3	20.2	9.	9.	0.1	5.5	0.1	0.4
FY-95	0.7	0.7						0.0						122.8	46.4						
MODIFICATION TITLE	AFT ENGINE BAY FIRE	TOTAL FOR F-15	SECONDARY POWER	HIGH PRESSURE WATER	LANDING GEAR WIRING/	LG WIRING/SWITCHES	WING FUEL TRANSFER P	STANDARD FLIGHT DATA	F100-220E ENGINE UPG	MSOGS	GPS	NAVSTAR GPS	MSIP PROGRAM: C/D SE	ALQ-135	ALQ-135 P3I	4TH ROBUST BLADE	1ST BLADE OUTER SEAL	2ND VANE INNER AIR S	HYBRID NOZZLE COKING	2/3 BEARING BOLTS	1ST STAGE TIP SHROUD
MOD AIRCRAFT CLASS NR	F-15 P-S 13639A	CLASS P.S	P 10211B	13647B	· 16628B	16628E	16701B	17606B	19203A	197500	3150E	315ÓM	3192	3192B	3192C	6048	6051	6052	6054	9909	0909

Totals may not add due to rounding.

Page: 9
*** UNCLASSIFIED ***

	TOTAL PROG.	1.4	1.7	3.6	9.0	0.2	11.7	15.3	1.0	6.7	9.6	8.	12.2	604.0	177.5	14.6	69.8	25.1	81.3	265.4	31.5
	COST TO GO							10.7		9.0	0.1	0.2		207.6	92.8		60.1	14.7	75.8	201.8	
	FY-01			0.0			1.5	4.5		1.2	1.2	1.0		94.6			9.7	5.4	5.6	45.2	7.4
3 PB	FY-00			1			3.0			1 .8	2.4	4.		97.5	6.2			5.0		18.3	24.1
ORT - 98	FY-99			6.0			3.9		0.0	1.5	2.8	0.7		103.2	28.1						
P-1M MODIFICATION REPORT - 98 PB	FY-98			0.8			1.6		4.0	0.8	1.2			83.1	31.4						
FICATIC	FY-97	0.3		0.5			1.2		0.3	9.0	6.0			18.0	7.4						
M MODI	FY-96	1.2	1.7	0.2	9.0	0.5	0.5		0.3	4.0	0.8		0.4		11.6	6.0					
-	FY-95												4.1			10.6					
	MODIFICATION TITLE	ENHANCED	TUBE IMPROVEMENT	4TH DISK BRUSH SEAL	#3 BEARING HEATSHIEL	2.7.C DEEC/3.1D EDU	SUPER CONVECTIVE SHR	SECONDARY POWER	7TH/8TH STAGE SHORT	FIRST BRUSH SEAL	EAGLE 229 HPT OD FLO	COMBUSTER	100/220 ENGINE INTER	APG-63 RADAR	MIDS FDL	VHSIC CARD	PROGRAMMABLE	AIR DATA PROCESSOR	HELMET-MOUNTED	ALQ 135, BAND 1.5	LINK 16 FDL
12:09	MOD AIRCRAFT CLASS NR	6064	0209	6071	6077	0809	9809	6106	6108	6109	6141	6142	65042B	8049	8250	8251	8265	8314	8352	8419	8420
02/14/97	AIRCRAFT																				

Page: 10 *** UNCLASSIFIED ***

m
8
8
Õ
R
ᅙ
یم
Ä
2
\leq
은
7
\ddot{c}
Ĕ
ੂ
ō
Ž
5
Ŧ
4

12:09

02/14/97

TOTAL PROG.	1.7	0.1 6.9	2.8	0.5	.5 272.5	0.2	0.2	29.6	19.9	6:	6:
COST TO GO		O			272.5					1127.9	1127.9
FY-01		0.1						18.4		273.7	273.7
FY-00	1.7	0.0						9.7		228.3	228.3
FY-99				0.4		0.1	0.1	1.5		193.1	193.1
FY-98		0.1		0.1		0.1	0.1			169.6	169.6
FY-97		0.1	0.1						19.6	157.9	158.9
FY-96			0.1							76.0	78.2
FY-95			0.8						9.0	182.3	183.0
MODIFICATION TITLE	ACFT WEAPONS	LOW COST RETROFIT M	LOW COST MODIFICATIO	AUX SPRAY MANIFOLD	COMMON ELECTRIC	220E IDEEC	IMPROVED TURBINE	DIGITAL MAP SYSTEM	REPROGRAMMINGS	TOTAL FOR F-15	•
MOD AIRCRAFT CLASS NR	8454	N66666	X66666	ASM	IDECM	IDEEC	IMPTUR	18237	288888	CLASS P	TOTAL FOR F-15

Page: 11
*** UNCLASSIFIED ***

* * *
UNCLASSIFIED

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

. 1	lω	ဖွ	on .	l 0	8	ω	6	4	τ-	-	0	2	6	0	6	က	2	0	က	7
PROG.	15.6	8.6	11.9	6.0	168.2	17.8	159.9	150.4	53.1	25.1	30.0	51.5	8 6.9	151.0	0.0	4.3	12.5	3.0	2.3	0.2
TO GO			0.7	0.7	17.6	4.8			1.8		23.0			31.7						
F Y-01		0.1	1.9	1.9	29.8	2.0		10.2	5.3		7.0			19.7				0.0		
		1.9	1.9	3.8	30.0	2.0		35.0	7.8			45.6		19.5				0.0		
FY-99	0.2	4.0	0.5	=	21.9	0.7	0.2	26.2	5.0	2.0		5.9		19.9			9:0	0.1	0.1	
FY-98	=	1.7	1.7	4.5	17.6	0.3	4.	50.6	2.0	3.8			3.5	42.6		4.3	1.1	0.2	0.2	
FY-97	0.9	9.0	1.0	2.3	17.2	0.2	0.2	28.4	0.5	2.7			2.3	17.6			0.7	0.1	0.1	
FY-96	3.0	1.8	1.8	6.6	15.1	0.2	7.5		5.4	4.1			3.1		6:0		0.1	0.1	0.1	0.2
FY-95	2.7	0.8	9.0	4.1	4.8	3.7	29.4		5.5	12.5								0.2	0.1	
MODIFICATION TITLE	WING BEEF-UP	LOW COST SAFETY MODI	LOW COST ENGINE SAFE	TOTAL FOR F-16 600 GALLON EXTERNAL	F110 DIGITAL ENGINE	FALCON 229 ENGINE UP	RADAR WARNING RECEIV	NAVSTAR GPS	ALE-47	ADVANCED WEAPON	ADVANCED WEAPONS	DIGITAL TERRAIN SYST	REDESIGNED F-16 BRAK	RF TOWED DECOY SYSTE	DIGITIAL TRANSFER CA	MAIN AIRCRAFT BATTER	RELOCATE FORWARD	WOW SWITCH	CHAFF/FLARE	ADVANCED SERIAL DATA
MOD		99999A	766666	P-S 1591	173009	19229E	3088	3150M	3450	4260	426030	4262	50003B	5013	5016	52338B	57U051	58006A	58044B	6018
CLASS	P-S			CLASS P-S P 159																
AIRCRAFT	F-16																			

Page: 12
*** UNCLASSIFIED ***

12:09
02/14/97

	TOTAL PROG.	3.8	19.0	83.5	1.3	369.3	211.7	241.5	71.5	7.5	71.7	9.89	39.1	14.8	92.5	5.9	190.4	111.5	6.2	5.5	5.1
	COST TO GO			0.5		369.3	45.5			4.9	66.7	9.89	30.0		37.1		190.4	83.7			0.1
	FY-01			21.7			58.1	7.9		2.7	5.0		9.1	4.4	29.4			27.8			
8 PB	FY-00	9.0	4.9	27.4			53.9	33.7						4.7	26.0				0.4		
P-1M MODIFICATION REPORT - 98 PB	FY-99	3.2	9.6	21.1			54.2	34.9	6.6					5.7							
ON REP	FY-98		4.5	12.8				43.7	17.8												
IFICATI	FY-97							36.6	13.4										1.9	1.8	
IM MOD	FY-96				0.1			31.9	18.5							5.9			1.0	1.3	1.2
Ġ.	FY-95				1.2			11.3	11.9										6.0		
	MODIFICATION TITLE	SCREECH REDUCTION 12	BLOCK 30 NIGHT VISIO	BLOCK 40 CAS NIGHT V	ENHANCED DATA HAND-O	BLOCK 40 MODIFIED MO	BLOCK 50 MODIFIED MO	PRE BLK 40 STRUCTURA	BLOCK 40 STRUCTURAL	BLOCK 50/52 STRUCTUR	ELECTRONIC WARFARE	BLOCK 40 COLOR DISPL	BLOCK 50 COLOR DISPL	BLOCK 30 ENHANCED FI	ON BOARD OXYGEN	BLOCK 50 IMPROVED AI	BLOCK 40 LINK 16	BLOCK 50 LINK 16	MISC ENGINE UPDATE M	LOW COST RETROFIT M	LOW COST MODIFICATIO
12:09	MOD CLASS NR	6020	602030	602040	602042	602140	602150	6022	602240	602250	603030	610240	610250	610330	6300	6400	661640	661650	366666	N66666	X66666
02/14/97	AIRCRAFT																				

Page: 13
*** UNCLASSIFIED ***

	TOTAL PROG.	9.6	6.6	4.3	0.8	1.7	4.0	6.0	1.8	3.0	2.0	0.4	6.8	0.2	9.0	1.8		
	COST TO GO			1.9				0.2	9.0	1.2			0.2			0.4	980.1	980.8
	FY-01			9.0		0.2		0.1	0.3	0.5			1.5			0.4	243.9	245.8
8 PB	FY-00			0:	0.2	0.3		0.1	0.3	0.5	0.7		2.4			0.4	297.5	301.3
P-1M MODIFICATION REPORT - 98 PB	FY-99			0.3	0.3	9.0		0.1	0.3	4.0	0.7		2.3	0.1		4.0	226.7	227.8
ON REP	FY-98	0.3		0.4	0.3	9.0	4.0	4.0	0.3	4.0	9.0	4.0	0.3	0.1	0.6	0.2	211.6	216.2
IFICATION	FY-97	1.8	1.9														131.5	133.8
M MOD	FY-96	2.2	8.0														108.9	115.6
<u>4</u>	FY-95	4.2																
	MODIFICATION TITLE	F110 TURBINE FRAME O	F-110-GE-129 (DEC) U	-229 HPT OD FLOWPATH	-220E IDEEC(5.3.0 LO	COMBUSTER	FAN SECOND STAGE AIR	F110-GE-100 MEC VSV	F110-GE-129 STAGE 2	F110-GE-100 T4B PYRO	F110-GE-100 TURBINE	F110-GE-129 AUXILIAR	F110 DEC HARDWARE RE	F100 IMPROVED TURBIN	F110-GE-129 EMS IMPR	F110-GE-129 LASER SH	TOTAL FOR F-16	1
02/14/97 12:09	MOD AIRCRAFT CLASS NR	F19000	F19400	F19401	F19402	F19403	F19404	F19405	F19406	F19407	F19408	F19409	F19410	F19411	F19412	F19413	CLASS P	TOTAL FOR F-16

Page: 14 *** UNCLASSIFIED ***

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	1.0		4,4		
COST TO GO		0.0		0.0	0.0
FY-01		0.0		0.0	0.0
FY-00		0.0		0.0	0.0
FY-99		0.0		0.0	0.0
FY-98	0.2	0.2		0.0	0.2
FY-97	0.7	0.7	0.1	0.1	6.0
FY-96	0.0	0.0		0.0	0.0
FY-95					
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR EF-111	Z88888 REPROGRAMMINGS	TOTAL FOR EF-111	l
MOD AIRCRAFT CLASS NR	EF-111 P-S 99999A	CLASS P-S	P Z88888	CLASS P	TOTAL FOR EF-111

Page: 15
*** UNCLASSIFIED ***

02/14/97 12:09

P-1M MODIFICATION REPORT - 98 PB

TOTAL PROG.	9.0		
COST TO GO	0.2	0.2	0.2
FY-01	0.1	0.1	0.1
FY-00	0.1	0.1	0.1
FY-99	0.1	0.1	0.1
FY-98	0.1	0.1	0.1
FY-97	0.1	0.1	0.1
FY-96	0.1	0.1	0.1
FY-95	0.0	0.0	0.0
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR A/T-37	
MOD CLASS NR	P-S 99999A	CLASS P-S	TOTAL FOR A/T-37
N AIRCRAFT CLASS N	A/T-37		TOTAL

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	5.6	1.3	77.9	222.7	0.9	69.5	67.2	2.1	4.0	6.1	0.1	5.3	1.5	5.3	262.2	299.3	4.3	2.3	5.7	7.0
COST TO GO			0.0				12.9								28.9	210.1				
FY-01			0.0				5.2							4.3	54.4	44.4				
FY-00			0.0				10.8			0.3		3.9		1.1	65.4	44.8				
FY-99			0.0			5.4	8.3			0.5		1.5			52.1			2.3		
FY-98		0.2	0.2	5.0		8.	6.3	0.5		0.4			1.5		43.9				4.	7.0
FY-97			3.1	6.4		4.8	5.6	1.6							17.4				4.2	
FY-96	0.7	0.3	1.0	13.1	0.2	33.5	1.3		9.0	4.9	0.1						4.3		0.1	
FY-95	1.5	9.0	2.1	7.9		10.0	9.3													
MODIFICATION TITLE	THRUST REVERSER INDI	LOW COST SAFETY MODI	TOTAL FOR C-5 MLG/DOOR ACTUATING S	MADARS REPLACEMENT	IMPROVED BOLTING NOZ	NAVSTAR GLOBAL POSIT	AIRLIFT DEFENSIVE SY	REDUCED VERTICAL SEP	THRUST RECOVERY CABI	COMPARTMENT FLOOR	INSTALLATION OF NOSE	TF39 ENGINE VAPOR BA	D-SUMP LUBE LINE MOD	SMART ENGINE DIAGNOS	TF39 ENGINE HIGH PRE	AUTOPILOT AND FLIGHT	L-BAND SATCOM AND CJ	HYDRAULIC SURGE CONT	STANDBY ATTITUDE IND	REPLACE FUEL FLOW TR
MOD AIRCRAFT CLASS NR	C-5 P-S 21107A	99999A	CLASS P-S P 14220B	15203B	23121B	3150	3455	0030	6031	6032	6033	6034	6035	9039	6037	8038	6046	6103	6150	6151

Page: 17
*** UNCLASSIFIED ***

	TOTAL PROG.	39.8	1.5	9.7	4.5	1.7		
	COST TO GO	7.0	0.5	1.9		0.2	261.5	261.5
	FY-01	5.7	0.4	2.7			117.2	117.2
8 PB	FY-00	13.5	0.4	2.6	4.3		147.0	147.0
P-1M MODIFICATION REPORT - 98 PB	FY-99	4.4	0.2	0.8	0.2		75.7	75.7
ON REP	FY-98						82.8	83.0
FICATION	FY-97	9.		1.8			54.0	54.0
M MODI	FY-96					0.5	59.9	6.09
P.	FY-95							
	MODIFICATION TITLE ANTI-SKID RELIABILIT	STATION KEEPING EQUI	AIRDROP SYSTEM EQUIP	AIRCRAFT FORMATION L	SINCGARS	LOW COST MODIFICATIO	TOTAL FOR C-5	ı
2/14/97 12:09	ACRAFT CLASS NR 6152	96001	96002	96003	96004	X66666	CLASS P	TOTAL FOR C-5
02/14/97 12:09	MODIFICA ANTI-SKID	STATION	AIRDROP	AIRCRAFT			TOTAL FOR	

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

MOD AIRCRAFT CLASS NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
3009	REENGINE				5.2	9.6	0.8	10.1		25.7
3149T	TRAFFIC ALERT & COLL			3.3	5.1					8.4
3150	NAVSTAR GLOBAL POSIT	4.8	2.6	5.0	2.5	0.3				22.0
S66666	SERVICE BULLETINS	3.7	0.9	0.4	2.2	0.1	0.3	6.0	2.9	19.1
X66666	LOW COST MODIFICATIO		9.4	6.0	1.3	0.1	0.1	0.1	0.1	2.9
CLASS P	TOTAL FOR C-9		3.9	9.6	16.3	10.0	1.2	11.0	3.0	
TOTAL FOR C-9	•		3.9	9.6	16.3	10.0	1.2	11.0	3.0	

Page: 19
*** UNCLASSIFIED ***

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	9.7		11.9	2.8	18.1	1.0	7.8	0.1	0.1	36.9	1.6	10.6	10.3	2.4	13.8	2.8	9.0	21.5	19.8	18.6	25.3
COST TO GO	3.8	3.8							٠						7.2					6:0	
FY-01	1.9	1.9													9.0					7.0	
FY-00	1.9	1.9												4.1	0.8					10.7	10.5
FY-99	0.2	0.2		0.8	2.7	0.8	2.0					9.0		1.0	4.8	0.3		8.7			14.4
FY-98	1.9	1.9	4.4	2.0	13.9	0.2	5.7					9.8		0.0	3.0	0.0		0.2	1.7		0.4
FY-97		0.0	7.5	0.1	1.4	0:0	0.1	0.1	0.1	2.7		0.3			0.4	2.5	0.4	12.6	18.1		
FY-96		0.0								19.0	1.0		0.4								
FY-95										4.6	9.0		6.6								
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR C-17	STATION KEEPING EQUI	TROOP DOOR AFT FAIRI	SIDEWALL OXYGEN BOX	NIGHT LIGHT LOADMAST	AEROMED LITTER STANC	GROUND PROXIMITY	TRANSPONDER TEST UNI	ACCELERATED AIRLIFT	COMFORT PALLET ELECT	CONTAINER DELIVERY S	UPGRADE TO 75/90 KVA	AUTO COMM	400 POUND PARATROOPE	SURE-COMM	LIFE RAFT CONTAINER/	MISSION COMPUTER	PRECISION LANDING SY	AIRCRAFT LIFETIME EX	OTINOM VTIGOSTINI SGO
MOD AIRCRAFT CLASS NR	C-17 P-S 99999A	CLASS P-S	P , 6002	9009	9009	2009	8009	6009	6010	6012A	6014	6015	6017	6025	6026	6042	6049	6053	6153	6200	1009

Page: 20
*** UNCLASSIFIED ***

12:09 02/14/97

					Ì
			Ì		
	١				
ı	į	1			
ĺ	ĺ				Ì
ĺ			Ì		
1					
	Į				
	ı				
		١			
ļ	١				
	۱				
	•				
	ĺ		١	١	

TOTAL PROG.	180.3	20.2	94.1	247.0	306.0	23.5	213.7	15.4	5.8	5.9	13.7	37.0	4.6	73.3	rč.			
COST TO GO	143.3	8.4	50.8	247.0	204.5	10.3	194.3					21.9	7:	57.0			946.6	950.4
FY-01	36.4	11.6	42.5		75.8	10.9	16.8				5.3	4.1	3.4	16.3			230.7	232.6
FY-00	0.6	0.2	0.8		25.7	2.3	2.6		3.4		8.3	3.7	0.1				71.1	73.0
FY-99									2.3		0.2	7.3					42.7	42.9
FY-98								9.8	0.1	5.9							57.1	59.1
FY-97								5.6									41.9	41.9
FY-96															0.4		20.8	20.8
FY-95																		
MODIFICATION TITLE	OPERATIONAL FLEXIBIL	AIRDROP CAPABILITY E	CARGO COMPARTMENT	MAINTAINABILITY IMPR	AVIONICS BLOCK UPGRA	COCKPIT UTILIZATION	CARGO COMPARTMENT	8.33 KHZ VFH RADIO	DUAL ROW AIRDROP CAP	SILVER BULLET	ELECTRONIC FLIGHT CO	SOFTWARE BLOCK	RM&A MODS	OPEN ARCHITECTURE	LOW COST MODIFICATIO	REPROGRAMMINGS	TOTAL FOR C-17	•
MOD AIRCRAFT CLASS NR		6203	6204	6205	6206	6207	6208	9702	9703	9704	9705	9026	9707	9708	X66666	Z88888	CLASS P	TOTAL FOR C-17

Page: 21
*** UNCLASSIFIED ***

02/14/97 12:09

P-1M MODIFICATION REPORT - 98 PB

AIRCRAFT CLASS	MOD	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-21 P	3149T	TRAFFIC ALERT & COLL			1.4	4.9	8.9	2.1			17.3
	3150	NAVSTAR GLOBAL POSIT	9.0	9.7	3.2						13.6
	9701	MAGNASTAR C-2000 DIG				2.0					2.0
	S66666	SERVICE BULLETINS	0.1	0.2	0.1	0.0	0.1	0.1	0.1	5.4	7.8
	Z88888	REPROGRAMMINGS									
CLA	CLASS P	TOTAL FOR C-21		6.1	4.8	6.9	9.0	2.2	0.1	5.4	
TOTAL FOR C-21	0-21	1		6.1	4.8	6.9	9.0	2.2	0.1	5.4	

12:09 02/14/97

P-1M MODIFICATION REPORT - 98 PB

FY-00 0.2 0.2 0.2 FY-99 0.3 0.3 0.3 FY-98 0.4 0.4 0.4 FY-97 0.7 0.7 0.7 FY-96 FY-95 MODIFICATION TITLE SERVICE BULLETINS TOTAL FOR C-22 AIRCRAFT CLASS NR
C-22 P 99999S CLASS P TOTAL FOR C-22

PROG.

COST TO GO 0.2

FY-01

0.2

0.2

0.2 0.2

0.2 0.2

0.2 0.2

Page: 23

*** UNCLASSIFIED ***

02/14/97	AIRCRAFT	C-27		TOTAL
12:09	CLASS		CLASS P	OTAL FOR C-27
O	MOD		۵.	7
	MODIFICATION TITLE	SERVICE BULLETINS	TOTAL FOR C-27	
P -	FY-95	0.7	0.7	0.7
P-1M MODIFICATION REPORT - 98 PB	FY-96	0.3	0.3	0.3
IFICATI	FY-97	0.8	0.8	0.8
ON REP	FY-98	0.1	0.1	0.1
ORT -	FY-99		0.0	0.0
98 PB	FY-00		0.0	0.0
	FY-01		0.0	0.0
	COST TO GO		0.0	0.0
	•	•		l

PROG.

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	6.6	7.7	13.1	6.2	3.0		
COST TO GO F	-					0.0	0.0
FY-01						0.0	0.0
FY-00						0.0	0.0
FY-99						0.0	0.0
FY-98	0.2		2.1			2.3	2.3
FY-97	3.4	0.7	9.0	0.5		5.3	5.3
FY-96	3.0	7.0	1.0	1.3	3.0	15.3	15.3
FY-95			1.0	0.4			
MODIFICATION TITLE	TRAFFIC ALERT & COLL	NAVSTAR GLOBAL POSIT	SERVICE BULLETINS	LOW COST MODIFICATIO	REPROGRAMMINGS	TOTAL FOR C-137	1
MOD AIRCRAFT CLASS NR	P 3149T	3150	S66666	X66666	Z88888	CLASS P	TOTAL FOR C-137

Page: 25
*** UNCLASSIFIED ***

	TOTAL PROG.	6.0		173.1	19.3	58.3	29.3	4.5	0.2	0.5	0.1		
	COST TO GO	6.	1.8									0.0	1.8
	FY-01	0.8	0.8									0.0	0.8
8 PB	FY-00	0.8	0.8									0.0	0.8
P-1M MODIFICATION REPORT - 98 PB	FY-99	0.2	0.2	4.0		1.8	6.0.					6.6	6.8
ON REP	FY-98		0:0	16.3	0.7	9.8	3.2		0.2	0.5		30.7	30.7
FICATIO	FY-97		0.0	31.9	0.3	16.6	3.6					52.3	52.3
M MOD	FY-96		0.0	51.9	0.2	30.2	3.7	4.5			0.1	90.6	90.6
<u>7</u>	FY-95			6.1			8.3						
	MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR C-141	AUTOPILOT/COCKPIT UP	FUEL QUANTITY INDICA	NAVSTAR GLOBAL POSIT	AIRLIFT DEFENSIVE SY	L-BAND SATCOM AND CJ	MISC STRATEGIC ALFT	MISC TRAINER PECULIA	REPROGRAMMINGS	TOTAL FOR C-141	1
02/14/97 12:09	MOD AIRCRAFT CLASS NR	41 P-S 99999A	CLASS P-S	P 13627B	13652B	3150	3455	6046	N66666	166666	288888	CLASS P	TOTAL FOR C-141
8	AIF	C-141											

8
6
7
5
<u>d</u>
Щ
œ
Ž
\mathbf{c}
7
ठ
Ĕ
$\overline{}$
2
ž
5
F
4

12:09

02/14/97

TOTAL PROG.	27.9		
COST TO GO		0.0	0.0
FY-01		0.0	0.0
FY-00	0.0	0.0	0.0
FY-99	8.0	8.0	8.0
FY-98	7.0	7.0	7.0
FY-97	7.3	7.3	7.3
FY-96	5.6	5.6	5.6
FY-95			
MODIFICATION TITLE	NAVSTAR GLOBAL POSIT	TOTAL FOR T-1	•
MOD AIRCRAFT CLASS NR	T-1 P 3150	CLASS P	TOTAL FOR T-1

Page: 27
*** UNCLASSIFIED ***

02/14/97 12:09 MOD AIRCRAFT CLASS NR T-3 P 99999A CLASS P	MODIFICATION TITLE LOW COST SAFETY MODI TOTAL FOR T-3	G FY-95	P-1M MODIFICATION REPORT - 98 PB FY-96 FY-97 FY-98 FY-99 FY-00 0.1 0.1 0.1 0.1 0.1 0.1	PFICATI FY-97 0.1	ON REP FY-98 0.1	ORT - 90	88 PB FY-00 FY-00 0.1	6.1 0.1	COST TO GO	TOTAL PROG.
IOIAL FOR 1-3			- ;	- -	š	- -	- -	- 5	3	

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	56.4	66.8	9.8	5.2	475.9	0.5		
COST TO GO			0.3	0.3	242.7		242.7	243.0
FY-01			0.1	0.1	96.1		96.1	96.2
FY-00	4.2		0.0	4.2	99.1		99.1	103.3
FY-99	17.0		0.1	17.1	38.0		38.0	55.1
FY-98	6.3	6.5	2.0	14.8			0.0	14.8
FY-97		3.8	5.6	9.3			0.0	9.3
FY-96	1:2		0.1	1.3		9.0	1.2	2.5
FY-95	0.7	0.5	0.2	1.4				
MODIFICATION TITLE	•	COCKPIT ENCLOSURE (P	LOW COST SAFETY MODI	TOTAL FOR T-38 STAGE II COMPRESSOR	AVIONICS UPGRADE	REPROGRAMMINGS	TOTAL FOR T-38	•
MOD AIRCRAFT CLASS NR	T-38 P-S 10206A	14207B	99999A	CLASS P-S P 15201B	6059	Z88888	CLASS P	TOTAL FOR T-38

Page: 29
*** UNCLASSIFIED ***

_
O
12:00
نۃ
~
•
-
9
4
÷
_
2

P-1M MODIFICATION REPORT - 98 PB

MOD AIRCRAFT CLASS NR MODIFICATION TITLE	99999X LOW COST MODIFICATIO	CLASS P TOTAL FOR T-41	TOTAL FOR T-41
FY-95			
FY-96	0:0	0.0	0.0
FY-97	0.0	0.0	0.0
FY-98	0.1	0.1	0.1
FY-99	0.7	0.1	0.1
FY-00	0.1	0.1	0.1
FY-01	0.1	0.1	0.1
COST TO GO	0.5	0.2	0.2
TOTAL PROG.	9.0		

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	6.4	5.5	11.6	4.0	8.7	1.8	4.0		
COST TO GO					0.7			0.7	0.7
FY-01						0.1		0.1	0.1
FY-00	0.7					0.1		0.8	0.8
FY-99	2.3					0.1		2.3	2.3
FY-98	1.4	1.2	3.5	4.0	0.1	0.1		10.3	10.3
FY-97	0.3	9.0	5.5			0.3		6.6	6.6
FY-96	1.9	3.7	9.0		8.		3.7	11.7	11.7
FY-95			2.0		2.0	1.2			:
MODIFICATION TITLE	FLIGHT DATA RECORDER	TRAFFIC ALERT & COLL	NAVSTAR GLOBAL POSIT	INMARSAT AND SATCOM	SERVICE BULLETINS	LOW COST MODIFICATIO	REPROGRAMMINGS	TOTAL FOR T-43	1
MOD AIRCRAFT CLASS NR	T-43 P 3149F	3149T	3150	9605	S66666	X66666	Z88888	CLASS P	TOTAL FOR T-43

Page: 31
*** UNCLASSIFIED ***

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	1.5	2	y y y	B	6.9	18.6	10.9	2.0	20.8	2.6	37.1			
COST TO GO		0.0				1.2			2.4				3.7	3.7
FY-01	0.5	0.5			0.4	3.9			2.9	0.1	5.0		12.2	12.7
FY-00	0.3	0.3			1.0	4.6			3.2	0.1			8.8	9.2
FY-99	0.1	0.1	70		. .	4.1			4.		20.5		29.2	29.3
FY-98	0.1	0.4	- 6		17	4.7	1.1	2.0	9.0				14.5	14.5
FY-97	0.0	0.0	77.1				1.2		2.8		-		13.2	13.2
FY-96	0.2	0.2	4. 0	9. 9.	7:		8.6						24.5	24.7
FY-95	0.4	0.4	. i	4./	1.2				1.5	0.8				
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR KC-10	NAVSTAR GLOBAL POSIT	KEFUELING PODS	ENGINE VIBRATION MON	REPLACE PYLONS 183 F	L-BAND SATCOM AND CJ	8.33 KHZ VFH RADIO	SERVICE BULLETINS	LOW COST MODIFICATIO	SIMULATOR UPGRADE (K	REPROGRAMMINGS	TOTAL FOR KC-10	•
MOD AIRCRAFT CLASS NR	KC-10 P-S 99999A	m	3150	3351	4301	4369	6046	9702	S66666	X66666	SIM-10	Z88888	CLASS P	TOTAL FOR KC-10

Page: 32 *** UNCLASSIFIED ***

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	3.0	6.8	10.7	5.1	9.0			
COST TO GO				6.0			6.0	6.0
FY-01				0.1			0.1	0.1
FY-00		0.2		0.8			1.0	1.0
FY-99		1.6	0.3	1.5			3.4	3.4
FY-98	6.0	2.6	1.2				4.7	4.7
FY-97		2.4	7.0	1.6			11.0	11.0
FY-96	2.1		1.	0.1	0.1		3.1	3.1
FY-95			1.1	0.1				
MODIFICATION TITLE	FLIGHT DATA RECORDER	TRAFFIC ALERT & COLL	NAVSTAR GLOBAL POSIT	SERVICE BULLETINS	LOW COST MODIFICATIO	REPROGRAMMINGS	TOTAL FOR C-12	,
MOD AIRCRAFT CLASS NR	C-12 P 3149F	3149T	3150	S66666	X66666	Z88888	CLASS P	TOTAL FOR C-12

Page: 33
*** UNCLASSIFIED ***

-	0
:	껃
	_
-	/6/
	4
	Ŕ
i	ö

P-1M MODIFICATION REPORT - 98 PB

AIRCRAFT CLASS	MOD	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-18	3150	NAVSTAR GLOBAL POSIT	1.8	2.4	1.7						5.2
	S66666	SERVICE BULLETINS		0.2		0.2	0.4	4.0	0.3	1.6	3.1
	X66666	LOW COST MODIFICATIO	0.3			0.1			0.1	0.2	4.6
CLASS P	۵	TOTAL FOR C-18	2.1	2.6	1.1	0.3	0.4	0.4	4.0	1.8	
TOTAL FOR C-18	æ	•	2.1	2.6	1.1	0.3	0.4	0.4	4.0	1.8	

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	4.1	27.2	5.7	2.9		
COST TO GO			2.2		2.2	2.2
FY-01			0.4	0.1	0.5	0.5
FY-00			0.4	0.1	0.5	0.5
FY-99		2.0	0.4	0.1	2.5	2.5
FY-98	0.9	4.0	1.6	0.1	6.5	6.5
FY-97	1.2	5.0	0.4	0.3	6.9	6.9
FY-96	2.0	11.4	0.4	0.3	14.1	14.1
FY-95		4.8		9.0	5.4	5.4
MODIFICATION TITLE	TRAFFIC ALERT & COLL	NAVSTAR GLOBAL POSIT	SERVICE BULLETINS	LOW COST MODIFICATIO	TOTAL FOR C-20	ı
MOD AIRCRAFT CLASS NR	C-20 P 3149T	3150	S66666	X66666	CLASS P	TOTAL FOR C-20

Page: 35
*** UNCLASSIFIED ***

02/14/97	12:09			d	M MOD	IFICATI	ON REF	P-1M MODIFICATION REPORT - 98 PB	8 PB			
AIRCRAFT	CLASS	MOD	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-25	9	3149W	WINDSHEAR WARNING		3.5	0.2	0.7					3.8
	ν,	3150	NAVSTAR GLOBAL POSIT		8.0		1.5	0.3				9.8
	J,	9709	GLOBAL AIR TRAFFIC M				8.5					8.5
	.,	S66666	SERVICE BULLETINS	0.8	9.0	0.7	0.7	0.8	0.8	0.8	1.7	9.9
	14	Z88888	REPROGRAMMINGS									
	CLASS P	r	TOTAL FOR C-25		9.4	6:0	10.8	1.1	0.8	0.8	1.7	
TOTAL	TOTAL FOR C-25		1		9.4	6.0	10.8	1.1	0.8	0.8	1.7	

12:09

P-1M MODIFICATION REPORT - 98 PB

								,												
TOTAL PROG.	0.7	126.4	251.6	115.5	22.5	83.0	347.3	44.4	107.4	14.8	5.2	132.8	4.4	37.8	5.9	5.5	0.5	0.2	2.3	1.8
COST TO GO	0.7	0.1	8.7	1.2	1.5				30.1			20.5			6.0					
FY-01	0.6	9.0	13.9	9.0	6.1				6.1			30.0			3.1				6:1	0.1
FY-00		0.0	43.3	20.9	2.0	1.2			6.1			34.8			2.2					
FY-99		0.0	40.7	24.2	1.9	2.6		0.4	3.8			8.6		14.1	0.8			0.1		
FY-98		0.0	23.4	14.7	4.3	9.2	4.5	2.7	3.7					14.4	0.5		0.5	0.1		
FY-97		0.0	25.5	16.1	2.6	21.4	4.4	2.2	6.3		9.0	1.3	0.4	9.4		5.5		0.0		
FY-96		6.3	24.6	11.7	0.1	14.2	5.0	3.8	0.3	7.0		5.9	4.0							
FY-95		7.0	8.0	4.8	6.1	13.3	11.4	1.0	8.7	3.9		16.5							0.4	0.8
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR C-130 APQ-122 RADAR REPLAC	AUTOPILOT/GCAS	ELECTRICAL SYSTEM UP	FUEL QTY SYS UPGRADE	NAVSTAR GLOBAL POSIT	SCNS	HF AUTO COMM	AIRLIFT DEFENSIVE SY	ABCCC MODIFICATIONS	ARMOR PLATING	ALR-69 (RWR)	AN/AAQ-22M	AERSPACE RESCUE AND	BLEED AIR DUCT REPLA	SKI EQUIPMENT	MISC LOW COST MODS F	MISC SIMULATOR UPDAT	SERVICE BULLETINS	LOW COST MODIFICATIO
MOD AIRCRAFT CLASS NR	P-S	CLASS P-S P 12603B	17605B	18600B	18603B	3150	3190	3353	3455	3458	8109	8220	8385	8424	8448	8455	966666	M66666	S66666	X66666

Page: 37
*** UNCLASSIFIED ***

37

02/14/97	12:09		ď	P-1M MODIFICATION REPORT - 98 PB	IFICATI	ON REP	ORT - 9	8 PB			
AIRCRAFT	AIRCRAFT CLASS NR ABCCC3	MODIFICATION TITLE 3 BROADCAST INTELLIGEN	FY-95	FY-96 0.2	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
	ATCALS	S TRAFFIC CONTROL/APPR						4 .6	4.6	9.4	18.6
	COMP	COMPAS COMPASS CALL		2.0							10.0
	COMR	COMREP C-130H COMPASS REPLA				0.5	0.1	13.3	24.6	45.9	84.3
	RADAR	R APN-59 RADAR REPLACE					7.2	6.0	41.1	132.2	186.4
	TIBS	TIBS			4.1						4.1
	WC130J	OJ WC130J SPECIAL MISSI				13.5					13.5
	Z88888	3 REPROGRAMMINGS	0.5		0.1						9.0
	CLASS P	TOTAL FOR C-130	78.1	84.0	101.7	94.5	104.6	134.5	134.8	250.3	
TOTAL F	TOTAL FOR C-130	•	78.1	84.0	101.7	94.5	104.6	134.5	135.3	250.4	

Page: 38
*** UNCLASSIFIED ***

PB
86 -
REPORT
N REPOR
VIION
ODIFIC/
P-1 M

12:09

02/14/97

I - -	- ,	m	ı	**	10	*	m	G	- -	0	_	မ	0	ဖ	0	o	က	4	4	o	4
PROG.	s è	ω		102.4	0.5	15.4	1.3	483.9	7	1.0	6.7	39.3	426.0	250.6	29.0	48.9	66.3	2.7	4.4	7.9	2.4
COST TO GO	(2.5	2.5													8.8				3.2	
FY-01	(0.3	0.3										5.7			3.3				7.	
FY-00	•	0.8	0.8										25.2			7.7				0.7	
FY-99	,	L	1.3	0.2	0.0	6.0	9.0		0.1	0.1			92.3			6.7					
FY-98	,	0.2	0.2	6.0	0.1	0.7	0.1		0.2	0.2	0.2	5.4	97.8			3.3			3.2		
FY-97	- 5	1.0	1.1	7	0.1	3.6	0.2	49.0	0.1	0.2	2.3	33.9	102.3	0.8	12.2	0.1		0.2		0.5	0.3
FY-96	,	1.9	1.9	1.3	0.1	3.0	0.2	95.3	0.2	0.2	2.7		62.8		10.4	6.7	32.3	0.1	1.2	2.5	0.8
FY-95	,	0.2	0.2	0.9	0.1	1.4	0.2		0.4	0.3			39.9	0.8	6.4	6.6					
MODIFICATION TITLE	AERIAL REPOELING POIN	LOW COST SAFETY MODI	TOTAL FOR C-135	FUEL SAVINGS ADVISOR	SCOPE RELOCATION	STANDARD FLIGHT DATA	NUCLEAR HARDENING	C-135 REENGINE	AUDIBLE COCKPIT WARN	RELOCATE S/V BOX	STANDARD VHF AM/FM R	NAVIGATION AND SAFET	PACER CRAG (COMPASS,	PACER LINK PH II	HF AUTO COMM	GROUND COLLISION AVO	RIVET JOINT	INSTALLATION OF WIND	INMARSAT AND SATCOM	SERVICE BULLETINS	LOW COST RETROFIT M
WFT CLASS	C-135 P-5 10408A	99999A	CLASS P-S	P 10402B	16405X	17403B	2984X	3000E	X600E	3009Y	3042	3149	3150PC	3156	3353	3368	4263	48604B	9605	S66666	N66666

Page: 39
*** UNCLASSIFIED ***

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	4.6	16.5	169.9	2.0	122.3	4.5		
COST TO GO			12.8		0.09		84.8	87.3
FY-01	0.7	0.8	40.8		23.6		75.3	7.5.7
FY-00		2.7	40.3		25.7		102.3	103.1
FY-99		3.8	20.1		13.0		137.9	139.2
FY-98		3.6	22.1				137.7	137.9
FY-97	2.1	2.5	21.6	0.0		2.8	235.9	237.0
FY-96	4.0	6.0	12.2	1.0		6.0	235.2	237.1
FY-95	0.3	2.1		1.0		0.4	64.1	64.3
MODIFICATION TITLE	LOW COST MODIFICATIO	HIGH RELIABILITY MAI	MULTIPOINT REFUELING	IMPROVED MAIN LANDIN	SIMULATOR UPGRADE	REPROGRAMMINGS	TOTAL FOR C-135	•
MOD AIRCRAFT CLASS NR	X66666	KC4218	KC4231	KC4290	SIM135	Z88888	CLASS P	TOTAL FOR C-135

Page: 40
*** UNCLASSIFIED ***

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

TOTAL PROG.	19.7	63.0	147.6	313.2	40.7	108.8	134.4	26.7	19.5	2.7	5.6	24.4	86.9	23.9	450.1	6:0		
COST TO GO													22.7		81.5		104.2	104.2
FY-01							28.5			0.1	0.1		5.3		77.8		111.8	111.8
FY-00				0.1			23.6			0.2	0.1		3.3		75.7		103.0	103.0
FY-99		1.3		18.3	0.3	0.0	30.9			0.2	0.1		1.8	Ţ.	61.0		114.9	114.9
FY-98	0.1	3.5		16.8	0.4	0.0	23.2	3.2		0.2	0.2	10.6	9.9	5.9	64.0		134.7	134.7
FY-97	0.6	17.3		94.3	16.7	36.7	7.3	0.1	7.7	0.0	2.4	5.1	16.0	17.0	44.7		265.9	265.9
FY-96	0.6	32.2	0.1	61.0	7.9	28.3	6.6	9.0	11.9		4.	6.8	15.8		45.3	6.0	222.8	222.8
FY-95		7.6	1.9	74.8	9.0	20.0	2.0	11.0			4.		1.9					
MODIFICATION TITLE	REPLACE MAG TAPE TRA	NAVSTAR GLOBAL POSIT	HAVE QUICK A-NET	ELECTRONIC SUPPORT M	JTIDS TADIL J	DATA ANALYSIS PROGRA	EXT SEN, COMPUTERS A	EXT SEN, BACKSHOP	EXTEND SENTRY,	EXTEND SENTRY, EXECU	PDMA	EXTEND SENTRY, RADAR	EXTEND SENTRY	OFFENSIVE COUNTER AI	RADAR SYSTEM	REPROGRAMMINGS	TOTAL FOR E-3	
MOD AIRCRAFT CLASS NR	E-3 P 17600B	3150	3246	3371	3401	3402	50001A	50001B	50001C	50001E	50001P	50001R	50001X	70001C	7266	288888	CLASS P	TOTAL FOR E-3

Page: 41
*** UNCLASSIFIED ***

*** UNCLASSIFIED ***	P-1M MODIFICATION REPORT - 98 PB
	12:09
	02/14/97

FY-01 COST TOTAL TO GO PROG.	1.9 4.0 6.8	1.9 4.0	15.9	0.2 0.1 10.5	18.2 9.3 39.5	4.3 19.6	0.0 0.1 3.7	1.7	18.4 13.8	20.3 17.8
FY-00 F	6.0	0.0		5.0	12.0	9.4	0.0		17.5	18.4
FY-99		0.0		5.2		0.1	0.1		5.4	5.4
FY-98		0.0	1.0			6.1	2.1		11.4	11.4
FY-97		0.0	1.2			9.4	0.3		3.9	3.9
FY-96		0.0	1.5					7.1	8.6	8.6
FY-95			9.1			1.9	1.0			
MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR E-4	NAVSTAR GLOBAL POSIT	UNIVERSAL MODEM	MODIFIED MINITURE RE	SERVICE BULLETINS	LOW COST MODIFICATIO	REPROGRAMMINGS	TOTAL FOR E-4	-
MOD AIRCRAFT CLASS NR	E-4 P-S 99999A	LASS	31491	3445	3505	S66666	X66666	Z88888	CLASS P	TOTAL FOR E.A

m
靣
œ
9
Ë
K
Ō
닖
~
_
ō
F
⋖
<u>ပ</u>
Ē
Ŏ
5
_
Σ
<u></u>
<u>α</u>

12:09

02/14/97

r TOTAL		1.3 2.8	1.3	3.8	9.6	11.0	20.2	3.4	0.0	
COST	9 10	1.3								
FY-01		9.0	0.6						0.0	
FY-00		0.3	0.3						0.0	
FY-99		0.2	0.2	0.8	1.0		16.9		18.7	
FY-98		0.1	0.1	0.0	2.6				2.6	
FY-97		0.3	0.3			5.1	3.4		8.5	
FY-96			0.0	3.0	6.0	5.9		3.4	18.3	
FY-95										
	MODIFICATION TITLE	LOW COST SAFETY MODI	TOTAL FOR H-1	NAVSTAR GLOBAL POSIT	INTEGRATED DATA ACQU	FLEXPLATE MAIN DRIVE	TRAFFIC COLLISION AV	REPROGRAMMINGS	TOTAL FOR H-1	
MOD	R 	99999A	P-S	3150	8432	T8123	TCAS	Z88888	۵	
	CLASS	P.S	CLASS P-S	a .					CLASS P	
	AIRCRAFT CLASS NR	Ŧ								

Page: 43
*** UNCLASSIFIED ***

		ġ.	1M MOE	P-1M MODIFICATION REPORT - 98 PB	ON REF	ORT - (98 PB			
MOD MODIFICATION TITLE	ITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
4 ALTITUDE HOLD AND HO	OH ON	3.9			1.					8.1
8258 AN/AAQ-16B FLIR		0.3		5.5					39.3	55.3
99999X LOW COST MODIFICATIO	ATIO	0.0			0.3				2.0	2.8
ARR AEROSPACE RESCUE	ш				6.6	7.2	0.8			17.9
T8130 HH-60G RETROFIT		1.7		0.5					0.3	17.3
T8415 UPGRADE					5.6	12.1	10.8	11.4	93.9	133.8
TOTAL FOR MH-60			0.0	0.0	16.9	19.3	11.6	11.4	135.5	
			0.0	6.0	16.9	19.3	11.6	11.4	135.5	

Δ.	FY-00 FY-01 COST TOTAL TO GO PROG. 0.4 2.4	0.4	0.0 0.0 0.4	57.5	0.1 5.9 15.6	42.9	0.3	48.9	6.8	0.1 0.1 0.2 3.2	0.0	4.7	28.3 51.9 483.0 571.1	0.1 18.2	19.4 20.1 101.8 199.0	0.8 20.9	0.1	3.0	
P-1M MODIFICATION REPORT - 98 PB	FY-99		0.0				0.1			0.0	0.0		7.8	3.3	10.0	1.2			
ION REP	FY-98		2.0							0.1	0.1		0.0	12.2	16.2	2.5			
DIFICAT	FY-97		0.0	8.7			0.2				0.8	0.5			20.3	1.7	0.1	0.8	
-1M MO	FY-96	0.2	0.2	2.6	0.2	9.0		1.3	2.1	0.1	0.1	0.0		2.5	11.3	3.0		2.2	
<u>.</u>	FY-95	0.2	0.2	7.8		3.2		1.2		9.0		0.8				8.3		0.1	
	MODIFICATION TITLE LOW COST SAFETY MODI	#1 BEARING OIL TUBE	TOTAL FOR OTHER CARA	ALE-40 DEFICIENCIES	SUPPORT EQUIPMENT UP	AN/ALR-69 SYS IMPROV	NAVSTAR GPS (E-9)	A/B SINCGARS AJ COMM	FLIGHT DATA RECORDER	MISCELLANEOUS LOW	MISCELLANEOUS LOW	LOW COST MODIFICATIO	COMMON MISSILE WARN	HARM TARGETING SYSTE	UHF	HF MODERNIZATION	TACTICAL AIR FORCE -	REPROGRAMMINGS	
02/14/97 12:09	AIRCRAFT CLASS NR OTHER P-S 99999A	T6075A	CLASS P-S P 10611C	13614B	14212B	18615B	3150E9	3429	64201F	£66666	∧66666	X66666	CMWS	F16HTS	T8137	T8174	TRAIN	Z88888	

Page: 45
*** UNCLASSITIED ***

02/14/97	12:09	•		4	M MOD	P-1M MODIFICATION REPORT - 98 PB	ON REP	ORT - 9	8 PB			
AIRCRAFT	CLASS	MOD	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
CLASSI	٦	1001	COMPASS CALL	45.4		3.0	7.6	7.8	8.0	8.2	17.5	176.5
		1007	COBRA BALL		19.9							19.9
	CLASS P	۵	TOTAL FOR CLASSI		19.9	3.0	7.6	7.8	8.0	8.2	17.5	
TOTAL	TOTAL FOR CLASSI	ISSI		`	19.9	3.0	7.6	7.8	8.0	8.2	17.5	

P-1M MODIFICATION REPORT - 98 PB

12:09

02/14/97

FY-01 COST TO GO	146.3	49.4 93.1 406.7	7.9 18.7 50.5	41.7	10.0	10.0	10.0 5.0	10.0 5.0 9.0	10.0 5.0 9.0 10.0 37.7	10.0 5.0 9.0 10.0 37.7	10.0 5.0 9.0 10.0 37.7 118.5
FY-00		68.8	8.7								4.77
FY-99		.1 69.1	6.0 8.2								1.1
7 FY-98	6.66	65.2 61.1	1.0 6.0	7.1	10.0	5.0	5.0 9.0	10.0 5.0 9.0	0.0 0.0 0.0 7.7	0.0 0.0 0.0 7.7	3.0 3.0 3.0 3.0 7.7 67.1
6 FY-97	46.5 99	65	-	41.7	10	10	10 5	0 2 0	10.0 5.0 9.0 10.0	0 9 9 10 10 37,	
5 FY-96										13.5	
FY-95									0		
MODIFICATION TITLE	REENGINE	RIVET JOINT	COMBAT SENT	FLEET EXPANSION	RC-135 SENSOR MODIFI	RC-135 SENSOR MODIFI U-2 REPAIRS	RC-135 SENSOR MODIFI U-2 REPAIRS SR-71	RC-135 SENSOR MODIFI U-2 REPAIRS SR-71 U-2 SYERS	RC-135 SENSOR MODIFI U-2 REPAIRS SR-71 U-2 SYERS U-2 SENSOR CONVERSIO	RC-135 SENSOR MODIFI U-2 REPAIRS SR-71 U-2 SYERS U-2 SENSOR CONVERSIC DATA LINK	RC-135 SENSOR MODIFI U-2 REPAIRS SR-71 U-2 SYERS U-2 SENSOR CONVERSIC DATA LINK TOTAL FOR DARP
MOD	DARP P 3009R	4263	4265	, 4480	4485	4485 4486	4485 4486 4487	4485 4487 4488	4485 4487 4488 4489	4485 4486 4488 4489 DATALK	¥



UNCLASSIFIED

		BUDGET ITEN	TEM JUSTIFICATION				DATE FEBRIJARY 1997	V 1997
		(EXHIB	(EXHIBIT P-40)					1001
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	4S	P-1 ITEM NOMENCLATURE: B-2A	ATURE: B-2A			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$20.613	\$6.100	\$13.853	\$16.275	\$22.205	\$12.565	\$14.071	\$8.965

This line item funds modifications to the B-2 aircraft. The B-2 is a multi-engine, long range bomber incorporating low-observable ("stealth") technology, enabling it to penetrate enemy air defenses and strike high-value targets. The overall goal of the modifications budgeted in FY98 is to standardize aircraft configuration essentially resulting in 20 "Block 30" B-2 aircraft. The specific modifications budgeted and programmed are below.

MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
	MODIFICATION TITLE									TO GO	PROG.
A66666	LOW COST SAFETY MODIFICATIONS				0.3	0.4	0.4				1.1
J	CLASS P-S TOTAL FOR B-2				0.3	0.4	0.4				
110001	CONTRAIL MANAGEMENT	9.5	0.5	9.0	0.5						17.6
110002	GFP COMSEC EQUIPMENT CHANGE	0.2	0.1								0.5
110005	MILSTAR UHF			0.2	0.2						6.8
110006	2SR-63 - BAND 4	0.2	0.1	0.4	0.4						26.3
110007	BRU-44A/A BOMB RACK R&M I		1.9		1.4	0.7					4.0
110008	DISK DRIVE UNIT (DDU)	0.2	0.3	9.0	0.4						17.2
110009	JASSM						5.0	5.0			10.0
110010	GPS-AIDED TARGETING SYSTEM	0.1	0.2								4.8
110011	POST BLOCK 30 UPDATES					7.0	7.1	9.1	0.6	8.4	40.5
110012	SPARE COMPONENT UPGRADES	6.9									25.7
110013	SPARES UPGRADES BLOCK 30			11.8	12.9	14.0					38.7
3150	NAVSTAR GLOBAL POSITIONING SYS	0.5	1.0								4.4
D66666	LOW COST RETROFIT MODS	2.2	0.5		0.1						4.2
X66666	LOW COST MODIFICATIONS	6.0	1.4	0.3	0.1	0.1	0.1				5.9
J	CLASS P TOTAL FOR B-2	20.6	6.1	13.9	16.0	21.9	12.1	14.1	9.0	8.4	
TOTAL FOR B-2		20.6	6.1	13.9	16.3	22.2	12.6	14.1	9.0	8.4	

CHEIST ASSIETED
ITEM NO. 023
P-1 SHOPP LIST PAGE NO.

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-2 CLASS P

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: CONTRAIL MANAGEMENT MN-110001

DESCRIPTION/JUSTIFICATION: Contrail Management System consists of a unique set of integrated technologies for the weapon system to enhance its survivability and support operational requirements of the user. This mod is essential to B-2 baseline aircraft.

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0 TEAM POWER PE 0101127F CENTER: ASC MODELS OF AIRCRAFT AFFECTED: B-2

DEVELOPMENT STATUS: Critical Design Review completed Nov 94. Flight test began Jan 97 and will be complete Jul 97.

PROJECTED FINANCIAL PLAN

	PRIOR	OR	FY-96	96	FY	FY-97	FY	FY-98	FY	FY-99	F	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		1 1 1 1	111111		1	1 1 1 1		1 1 1 1 1	1 1 1	!		1 1 1 1 1
RDT&E (3600)		35.8		6.0		2.9		0.0				
ROCUREMENT (3010)												
INSTALL KITS	Ŋ	1.0	80	1.6								
KITS NONRECUR		0.2		0.2								
EQUIPMENT (2)	4.0	(8)	5.5								
EQUIP NONREC		0.8		8.0								
CHANGE ORDERS												
DATA		0.4		0.8								
SIM/TRAINER												
SUPPORT-EQUIP												
ISTALLATION OF HARDWARE												
FY-95 5 KITS			(8)	0.5	5)	0.4						
80					1)	0.2	4)	9.0	$\overline{}$	0.5		
			! "			u	1	9 0	"	1 0	1	! ! !
TOTAL INSTALL QIY/COST				0.0	0	0.0	r	0	ן נ	?	!	
TOTAL COST (BP-1100)	5	6.4	. 8	9.5	 	0.5	1	9.0		0.5		
(TOTALS MAY NOT ADD DUE TO	TO ROUNDING.)	ING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION CONTRACTOR FACILITY	CONTRACTO	OR FACILITY				;				
H	NITIAL L	INITIAL LEAD TIME 15 MONTHS	- 15 MONTE	1S	í±.	FOLLOW-ON LEAD TIME 15 MONTHS	EAD TIME	15 MONTE	St.			

	TOTAL AMT		13 2.6 0.4 9.5	1.2	0.9	3 2.2	3 17.6			FY-97 2 3	
NUED)	QTY		H		(8)	13	13			ਜਜ	
(CONTINUED)	AMT						!			4 2	
	TO COMP									96 3	
	TO					-		FY-00		FY-96 1 2	
	AMT					!	1 i i i i i	FY-99		4	1
	FY-03 A						 			m m	о Н н
	FY- QTY	 				!	[FY-98		FY-95 2	FY-00 2 1
	a	i				;	e C	FY-97		H	-
	AMT								l	ব্য	4 6
EMENT	FY-02	 					i !	FY-96	1/96	ω	6 H
IANAG		! ! !					[! ! !	5	!	FY-94 2	FY-99 2 1 2
CONTRAIL MANAGEMENT IUED)	ū	i						FY-95	1/95	ન	1 2
01 CONTINUED)	AMT	! !					G.)	FY-94	 	4	4 H H
AIINC	FY-01	ì				i	NDING		i	ю	е н н
1100	P	t t t t					TO ROU	FY-93		FY-93 2	FY-98 2 2 1
FACT SHEET: B-2 MN-1 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT FOULD NONDEC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-95 5 KITS FY-96 8 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILES I CORES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT 1

OF AIRCRAFT FY 1998 PROGRAM MODIFICATION

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: B-2

MODIFICATION TITLE AND NO: ZSR-63 - BAND 4

02/14/97

DATE

CENTER: ASC

MN-110006

PE 0101127F

TEAM POWER

CLC B-2

subsequent Block 10/20/30 procurement strategy. Deleting this mod degrades Block 30 baseline capability and planned aircraft configuration. DESCRIPTION/JUSTIFICATION: Adds the Band 4 frequency extension to the existing ZSR-63 Radar Warning Receiver to accomplish threat emitter detection, identification and location. All 13 kits were procured at one time (w/ storage cost included) to save \$20M+ and reduce hardware/software risks due to high percentage of commonality to other mods taking place in the defensive management suite. This is an essential modification to the B-2 baseline aircraft. The configuration established during Apr 91 4-Star Summit and SECAF approved

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Flight test began Jul 96 and will be complete May 97.

AMT

OTY

FY-00

PROJECTED FINANCIAL PLAN										
	PR	PRIOR	-	FY-96	Съ.	FY-97	Ìч	FY-98	E	FY-99
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1 1 1	1 1 1 1 1 1 1	1	1 1 1 1 1 1	1	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	
RDT&E (3600)		78.5		25.0						
PROCUREMENT (3010)										
INSTALL KITS	13	9.1								
KITS NONRECUR		6.0								
EQUI PMENT	(13)	12.6								
EQUIP NONREC		1.5								
CHANGE ORDERS		1.2								
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-95 13 KITS			(3)	0.2	0.2 (3)	0.1	(4)	0.4	0.4 (3)	0.4
				1 1 1 1 1 1 1	1		!!!!	1111111	1	
TOTAL INSTALL QTY/COST		!	က	0.2	က	0.1	4	0.4	က	0.4
TOTAL COST (BP-1100)	13	25.3		0.2		0.1		0.4		0.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)								

FOLLOW-ON LEAD TIME -- 18 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 18 MONTHS

	TOTAL AMT	** ** ** ** ** ** **	9.1	0.9	1.5	1		1.1		1.1	26.3			.97				
(CONTINUED)	TOT	 	13					(13)	1 7	3	13			FY-97				
(CONT	AMT									1				4	. 2			
	TO COMP QTY	1									÷	FY-00		FY-96	1			
	AMT									1 1 1 1 1 1 1		FY-99		*	•		4	H
	FY-03	!										FY-98		FY-95	1	FY-00	2 3	1 1
	QTY											FY-97		-	•			
	AMT								1	1				4	•		4	2
D 4	FY-02	¦							-			FY-96		FY-94		FY-99	2 3	1 7
ZSR-63 - BAND 4 IUED)	QTY								1	1		FY-95	2/95 3/96	FY	•	FY		8
06 ZSR-6 (CONTINUED))1 AMT								1		NG.)	FY-94		4	•		4	
1100	FY-01 QTY								!!!!!	1	TO ROUNDI	FY-93		FY-93		FY-98	2	2 -
FACT SHEET: B-2 MN-1 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIP NONREC	DATA	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-95 13 KITS	#BOOT VEC TITEBORT ITED	TOTAL INSTALL OTITIOSI	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING,)		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	INPUT	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT OUTPUT 1

PAGE 023-4

FICATION OF AIRCRAFT FY 1998 PROGRAM MODIFICATION

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: DISK DRIVE UNIT (DDU)

02/14/97

FY 1998 PB DATE

MODELS OF AIRCRAFT AFFECTED: B-2

CENTER: ASC

MN-110008

PE 0101127F

TEAM POWER

CLASS P CLC B-2

RIPTION/JUSTIFICATION: The DDU is a console-mounted radiation hardened data storage system based on magneto-optic read/write storage tech. It replaces the Mission Data Entry Unit (MDEU) to take advantage of significantly advanced tech, greater storage capacity, & faster access w/same or reduced size cartridges. Kit purchases were economically ordered to avoid a 40% cost increase and cause extensive time delays due to requalification requirements. This mod is essential to the B-2 baseline aircraft. This configuration was established during the Apr 91 4-star summit and SECAF approved subsequent procurement strategy. Deleting this mod degrades Block 30 baseline capability and planned aircraft configuration. DESCRIPTION/JUSTIFICATION:

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: FY95 & FY96 R&D accomplished onboard testing and did not affect design configuration.

PROJECTED FINANCIAL FLAN	S	90100	90 25	90	50 VE		00	00	N.	00	Š	001
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		AMT	QTY	AMT
RDI&E (3600)		43.2		2.7	 			 		 	 	1
PROCUREMENT (3010)					ė							
INSTALL KITS	13	3,3										
KITS NONRECUR		0.2								٠		
EQUI PMENT	(13)	6.6										
EQUIP NONREC		1.0										
CHANGE ORDERS												
DATA		1.0										
SIM/TRAINER												
SUPPORT-EQUIP		0.3										
INSTALLATION OF HARDWARE												
FY-94 5 KITS			(3)	0.2	(2)	0.2						
FY-95 8 KITS					1)	0.1	(4)	9.0	(2)	0.4		
TOTAL INSTALL QTY/COST	!	1		0.2		0.3	4	9.0	3	0.4		
TOTAL COST (BP-1100)	13	15.7		0.2		0.3	!	0.6	1 1 1	0.4	!	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	IDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY INITIAL LEAD TIME 24 MONTHS	INITIAL	LEAD TIME 24 MONTHS	- CONTRACT	OR FACILITY HS		FOLLOW-ON LEAD TIME 24 MONTHS	AD TIME -	- 24 MONTH	SI			

FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED *** PAGE 023-5

	TOTAL AMT	1 1 1 1 1			3,3	0.2	6.6	1.0	1.0		0.3		0.4	1.1		1.5		71.7			FY-96	2 3 4				
(CONTINUED)	T(QTY	!			13								(2)	(8)	1	13	:	13			E	п				
ONTI	-	1													!	1	1					4		4		٦
9	TO COMP																 		FY-00	! ! !	95	m	00	က		1
	TO	1													!		!		FY~99	! ! !	FY-95	1 2	FY-00	1 2		-
	€														!		!		FY-98	! ! ! !		4		4		7
	13 AMT																!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		FY	1		ო		т		1
	FY-03 OTY	1															1		FY-97	[]] [FY-94	2	FY-99	2		7
	0	١,													ł		!		FY-96	}		~		1	2	
_	AMT														1				FY-	İ		ਓ		4	1	-
DISK DRIVE UNIT (DDU) (VED)	FY-02 A														1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				FY-95	1/95	9	ო ე	8	m	1	-
E UNI	FOTY														1				94	! + 10	FY-93	`	FY-98	7	2	~
DRIV		i																	FY-94	3/94		Н		-		П
JED)	AMT																1		FY-93			4		4	1	т
(CONTINUED)	FY-01	`													į		į	DING	FY	i		ო		က		
1100	FY																!	TO ROUN	FY-92		FY-92	2	FY-97	2		
FACT SHEET: B-2 MN-: PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY-94 5 KITS	80		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	TASTALLATION SCHEDINE:	QUARTERS 1 INPUT OUTPUT	TNSTALLATION SCHEDULE:	QUARTERS	INPUT	OUTPUT

PAGE 023-6

02/14/97

FY 1998 PB DATE

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-2 CLASS P TEAM POWER

PE 0101127F

MODIFICATION TITLE AND NO: SPARE COMPONENT UPGRADES MN-110012

MODELS OF AIRCRAFT AFFECTED:

CENTER: ASC

DESCRIPTION/JUSTIFICATION: Upgrades current B-2 (Block 10) spare component inventory to support the continued increased capability of B-2 aircraft coming from the production line. Failure to retrofit the spare components will make the Block 20 aircraft at Whiteman AFB in accordance with the B-2 Essential Employment Capabilities (EEC) unsupportable.

DEVELOPMENT STATUS: Development done under Northrop EMD contract. F33657-87-C0067.

PROJECTED FINANCIAL PLAN	PR	PRIOR	FY	FY-96	FY	FY-97	£	FY-98	FY	FY-99	Ξ	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		t [! ! !	 		! ! ! ! !	!			 	} t !	
PROCUREMENT (3010) INSTALL KITS												
KITS NONRECUR												
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES	(237)	18.8	18.8 (183)	6.9								
INSTALLATION OF HARDWARE												
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1				1	
TOTAL INSTALL QTY/COST												
	1	1 1 1 1	!	1 1 1 1 1 1 1	1 1 1	! ! ! ! ! !	1 1 1 1	1 1 1 1 1 1 1	11111		1 1 1 1	1 1 1 1 1 1 1
TOTAL COST (BP-1100)		18.8		6.9								
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		ALLATION	- CONTRAC	INSTALLATION CONTRACTOR FACILITY	.							
	INITIAL	INITIAL LEAD TIME 2 MONTHS	2 MONT	HS	Ω	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 2 MONTHS				

*** UNCLASSIFIED *** PAGE 023-7

(CONTINUED)	TO COMP TOTAL	QTY AMT QTY AMT											25.7				14511111	25.7						
	FY-03	AMT																						
		QTY															1							
SPARE COMPONENT UPGRADES (UED)	FY-02	AMT													1		1							
COMPONE	_	OTY													1									
NTIN	FY-01	AMT													1				DING.)		F.Y - 96	1	96/8	96/1
9	FY	QTY													1		1		TO ROUN	i	FY-95	1	3/96	96/9
FACT SHEET: B-2 MN-11 PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	ÈQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	MOD OF SPARES	INSTALLATION OF HARDWARE		TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	Carolica de			CONTRACT-DATE (QTR/FY)	DELITMEDY-DATE (OTB/EV)

PAGE 023-8

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

DATE

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P

EXHIBIT P3A CONGRESSIONAL

TEAM POWER PE 0101127F CLC B-2 MODIFICATION TITLE AND NO: SPARES UPGRADES BLOCK 30 MN-110013 CENTER: ASC MODELS OF AIRCRAFT AFFECTED:

DESCRIPTION/JUSTIFICATION: Uprgrades current B-2 spare component inventory to support the Block 30 aircraft capability of B-2 aircraft coming from the production line

DEVELOPMENT STATUS: None. No RDT&E required.

QTY

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR PROJECTED FINANCIAL PLAN RDT&E (3600)

14.0

484

12.9

440

11.8

399

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SUPPORT-EQUIP SIM/TRAINER DATA

INSTALLATION OF HARDWARE FY-98 FY-99 FY-00

KITS 440

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 3 MONTHS TOTAL INSTALL QTY/COST

FOLLOW-ON LEAD TIME -- 3 MONTHS

14.0

484 484

12.9

11.8

440 440

399 399

484)

(440)

(399)

*** UNCLASSIFIED *** PAGE 023-9

(NUED)	TOTAL QTY AMT		1323 38.7				1323 38.7		FY-00 1 2 3 4 150 150 184 140 150 150	
(CONTINUED)	TO COMP QTY AMT								FY-99 1 2 3 4 150 150 140 185 150 150	
	FY-03 QTY AMT						00 FY-01		FY-98 1 2 3 4 184 30 185 184 30	
SPARES UPGRADES BLOCK 30 (UED)	FY-02 QTY AMT						FY-98 FY-99 FY-00	1/98 1/99 1/00 2/98 2/99 2/00	FY-97	
110013 (CONTIN	FY-01 QTY AMT						TO ROUNDING.) FY-96 FY-97		FY-96 2 3 4	FY-01 2 3 4
FACT SHEET: B-2 MN-: PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-98 399 KITS FY-99 440 KITS FY-00 484 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT 184

PAGE 023-10 *** UNCLASSIFIED ***

UNCLASSIFIED

		BUDGET ITEN (EXHIE	EM JUSTIFICATION HBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	RAFT MODIFICATION	SN	P-1 ITEM NOMENCLATURE: B-1B	LATURE: B-1B			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$66.486	\$136.280	\$114.245	\$127.380	\$116.298	\$93.308	\$176.252	\$128.297

This line item funds modifications to the B-1B aircraft. The B-1 is a multi-engine, supersonic, long range bomber capable of delivering nuclear or conventional munitions. The overall goal of the modifications budgeted in FY98 is to increase conventional weapons capabilities and improve reliability and maintainability. The specific modifications budgeted and programmed are below.

TOTAL PROG.	45.4	4.3	2.5		128.3	1.0	78.5	33.2	7.0	11.3	0.1	2.1	10.2	10.9	8.03	32.0	3.4	12.6	36.4	37.3	1.4	1.9	5.8	18.4	15.9	2.7	35.7	29.6
			2.3	2.3	11		37.6 1	-		176.0 3:			•		••			0.3 1		0.4				25.5		2.4	•	•
COST TO GO							'n			17														6				
FY-03			0.1	0.1			49.5			64.7								5.9		0.4				7.5		0.1		
FY-02							49.2			50.4		2.1	10.2					32.3		23.4			-	9.8				
FY-01						0.2	28.7			8.6								38.5		9.2				6.9				
FY-00	2.5			2.6	33.3	0.2	0.7	15.8		10.4				9.0				39.1		3.8								
FY-99	5.1			5.1	13.4	0.2	12.8	45.6						0.2				33.1	5.6				0.3					
FY-98	8.0		0.1	8.1	47.7	0.2		14.0						5.2				20.4	5.3			9.0	0.3		1.0	0.1		0.4
FY-97	7.7			7.7	31.2	0.2		12.7						4.7	1.7	32.0	3.4	3.0	6.9		1.4	1.3	1.3		5.8			8.5
FY-96	8.1	2.5		10.6	2.9			5.2	7.0		0.1			0.2	8.8								3.9		9.2		0.9	17.7
MODIFICATION TITLE	AFT DC POWER UPGRADE	FIRE WARNING AND EXTINGUISHING	LOW COST SAFETY MODIFICATIONS	CLASS P-S TOTAL FOR B-1	NAVSTAR GPS - COMM UPGRADE (A/	EMERGENCY RESTRAINT RELEASE	AVIONICS COMPUTERS	JDAM/1760 CONVENTIONAL ENHANCE	CITS DEPLOYABLE DIAGNOSTIC SYS	ECM UPGRADE PROGRAM	MISC ORA MODS	JSOW INTEGRATION	JASSM INTEGRATION	GENERATOR CONTROL UNIT REDESIG	CONVENTIONAL BOMB MODULE MODIF	ADD'L CONVENTIONAL BOMB MODULE	DIRECTION FINDING ENCODER (DFE	RF TOWED DECOY SYSTEMS	SIMULATOR UPDATES	WIND CORRECTED MUNITIONS DISPE	BAND 8 BEAM STEERING	INTERFEROMETER RCVR BAND REJEC	WAVEFORM GENERATOR EEPROMS	INTEGRATED DEFENSIVE ELECTRONI	1122 IMPROVEMENT	LOW COST MODIFICATIONS	LANCER 101C	LANCER 101D
MOD	10407A	4333	99999A	ប	3150-R	4165	4252	4253	4255	4256	4266	4273	4274	4298	4300	4302	4305	5013	5047	5048	5050	5051	5052	5055	820800	X66666	T4251C	T4251D
CLASS	P-S				а																							

7		1
-)	
		إ
_ `		
ĭ		V
2		INC
2	754	
5	Š	
7	TEM	
=	_	1
		İ

UNCLASSIFIED

			BUDGET ITE (EXHII	ITEM JUSTIF (HIBIT P-40)	TEM JUSTIFICATION (HIBIT P-40)							DATE	FEBRUARY 1997	Y 1997
APPROPRI AIRCR	ATION/BU	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICA		TIONS		P-1 ITEN	P-1 ITEM NOMENCLATURE: B-1B	LATURE	8-18					
		1996	1997		1998		1999		2000		2001		2002	2003
COST (In MII)	MII)	\$66.486	\$136.280	₩	\$114.245	\$	\$127.380	\$1	\$116.298		\$93.308	\$	\$176.252	\$128.297
	МОБ			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL	
CLASS	NR	MODIFICATION TITLE	TLE									TO GO	PROG.	
۵	T4251E	LANCER 101E	!		10.2	11.0	11.0	9.6					42.1	
	288888	REPROGRAMMINGS			4.3								4.3	
	Ü	CLASS P TOTAL	TOTAL FOR B-1	55.9	128.5	106.2	122.2	113.7	93.3	176.3	128.2	242.3		
TOTAL	TOTAL FOR B-1			66.5	136.3	114.2	127.4	116.3	93.3	176.3	128.3	244.6		

Totals may not add due to rounding.

UNCLASSIFIED PAGE NO. P-1 SHOPP LIST ITEM NO. 024

09

OF AIRCRAFT MODIFICATION

02/14/97

DATE

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: B-18

CLASS P-S CLC B-1

battery, which results in a safety of flight condition. The aircraft requires modification to provide redundant power to the aft and fwd DC power busses & replacement of the current NICAD battery which has low reliability.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16 TEAM POWER DESCRIPTION/JUSTIFICATION: B-1 aircraft periodically experience electrical buss failure and subsequent rapid discharge of the aircraft aft PE 0101126F CENTER: OC-ALC MN-10407A MODIFICATION TITLE AND NO: AFT DC POWER UPGRADE

DEVELOPMENT STATUS: Complete.

1.1 1.4 1.4 2.5 AMT FY-00 2 QTY 2.2 5.0 0.1 5.1 AMT FY-99 QTY 3.8 1.3 0.7 0.1 0.1 5.8 AMT FY-98 12 (8) (15) 23 15 2 15) QTY 3.3 1.6 0.8 5.1 0.1 AMT FY-97 (7) (15) 23 22 23 (23) 2 QTY 8.0 $\frac{1.7}{3.9}$ 1.6 5.6 8.1 0:1 AMT FY-96 23 (7) (16) 23 23 23) 3 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT QTY 0.7 13.9 0.7 1.4 AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR 34 34 (34) 24) QTY TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN HARDWARE TOTAL COST (BP-1100) KITS KITS KITS KITS PROCUREMENT (3010) INSTALL KITS MOD OF SPARES INSTALLATION OF KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP EQUIP NONREC RDT&E (3600) 11 23 23 23 15 SIM/TRAINER **EQUIPMENT** FY-94 FY-96 FY-95 FY-97

FOLLOW-ON LEAD TIME -- 15 MONTHS

INITIAL LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED *** PAGE 024-1

(0	TOTAL	QTY AMT			95 9.0	0.7	5.4	1.6		2.1	1.4	7.0	8.0		11) 2.4			23) 6.1	15) 4.2				95 45.4					FY-98	2 3		9				
(CONTINUED)	TO COMP	OTY AMT Q																	_	11 11 11 11 11 11		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						FY-97	4	9 1	2				
	FY-03	AMT																							_	 		FY-96	3 4						
GRADE		AMT QTY																							FY-98	1/98	2/98 2/99	Ēu		1 3	L		3 4	-	→
AFT DC POWER UPGRADE VUED)	Ä	AMI QI'Y																				# # # # # # # # # # # # # # # # # # #			FY-96	1/96 1	2/97	FY-95	4 1 2			FY-00	4 1 2	5 4 4 I	יי יי
.0407A (CONTI	FY-01	A TO																		1		i 	TO ROUNDING.				3/95 2/96	FY-94	. 2 3			FY-99	, 33 8	4 4	
FACT SHEET: B-1 MN-1 PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	MOD OF SPARES	INSTALLATION OF HARDWARE	FY-94 11 KITS	FY-95 23 KITS	23	FY-97 23 KITS	FY-98 15 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES		CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	TUPUT	OUTPUT	INSTALLATION SCHEDULE:		S TOPUL S	

PAGE 024-2

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

FY 1998 PB DATE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Funds will be used to initiate the Fire Warning and Extinguishing Panel (FWEP) upgrade to this safety critical device. The current FWEP has been a maintenance and reliability problem. A new panel will solve this problem and ensure proper warning to aircrews of a fire in the engine bay, APU bay, or in overwing fairing area.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16 TEAM POWER CLASS P-S PE 0101126F CLC B-1 MODIFICATION TITLE AND NO: FIRE WARNING AND EXTINGUISHING PANEL MN-4333 CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: B-1B

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 8 MONTHS AMT FY-98 QTY AMT FY-97 QTY 0.1 TOTAL COST (BP-1100) 14 1.8 81 2.5 (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE AMT FY-96 INITIAL LEAD TIME -- 8 MONTHS 81 QTY 0.8 0.4 AMT PRIOR 14 QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP EQUIP NONREC INSTALL KITS RDT&E (3600) SIM/TRAINER **EQUIPMENT**

*** UNCLASSIFIED *** PAGE 024-3

FACT SHEET: B-1 MN-433. PROJECTED FINANCIAL PLAN		FIRE WARN (CONTINUED)	ING AND I	FIRE WARNING AND EXTINGUISHING PANEL (INUED)	NG PANEL			(CONTINUED)	NUED)	
	FY- OTY	FY-01 AMT	FY. OTY	FY-02 AMT	FY- OTY	FY-03 AMT	TO QTY	TO COMP	TOTAL	'AL AMT
RDT&E (3600)		 	# # # #	1 1 1 1	[[]		!	1	!	
OCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT									95	2.6
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP										0.9 8.0
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	E TO ROUNI	DING.)							95	4.3
MILESTONES CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	FY-95 3/96 1/97	FY-96 3/96 1/97								

02/14/97 DATE

FY 1998 PB

OF AIRCRAFT MODIFICATION

FY 1998 PROGRAM

MN-3150-R

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: B-1B

MODIFICATION TITLE AND NO: NAVSTAR GPS - COMM UPGRADE (A/J RADIO)

CENTER: ASC

TEAM POWER PE 0101126F

CLASS P CLC B-1 DESCRIPTION/JUSTIFICATION: This modification improves the B-1's conventional mission effectiveness by upgrading the communications and navigational systems via the integration / installation of a Miniaturized Airborne Global Positioning System Receiver and an anti-jam radio. The GPS navigation system provides the ability to operate worldwide in all weather conditions with highly accurate, jam-resistant, munitions (i.e., JDAM & JSOW). The communications upgrade portion of the modification installs an anti-jam UHF/VHF/SINGCARS radio with SATCOM and voice only Demand Assigned Multiple Access (DAMA) capability to allow the aircraft to communicate with the force package when 3-dimensional position, velocity and time data; increases weapon delivery accuracy; and provides required interfaces for GPS-aided operating in hostile airspace. GPS/Comm components are priced as single kits and installs.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: EMD costs for JDAM/1760 and GPS/comm are estimated as a single program, so they cannot be separated reasonably.

GPS Group B orders are put on contract in Jan of each year by the GPS-JPO. Delivery dates reflect total kit (Group A & B) lead times.

PROJECTED FINANCIAL PLAN													
	PRJ	PRIOR		FY-96		FY	FY-97	FY-	FY-98	FY	FY-99	FY-	FY-00
	QTY	AMT	QTY		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		133.9	 		122.7		97.8	1 1 1 1	74.5	! ! ! !	1.9	 	t 1 5 6 7
PROCUREMENT (3010)													
INSTALL KITS				1	0.4	28	11.5	99	16.6				
KITS NONRECUR													
EQUI PMENT			_	· ·	1.0	(82)	14.5	(99)	19.2				
EQUIP NONREC					9.0								
CHANGE ORDERS					0.9		0.9		2.6				
DATA									0.2		0.3		8.0
SIM/TRAINER									1.9		3.4		1.4
SUPPORT-EQUIP							2.6		0.8				
GFE					0.1		1.7		3.9				
INSTALLATION OF HARDWARE													
FY-96 1 KITS								(1)	0.7				
FY-97 28 KITS								(9	1.8	(22)	7.6		
FY-98 66 KITS												(99)	31.1
		111111	!			1	1			1		1	11111111
TOTAL INSTALL QTY/COST								7	2.5	22	7.6	99	31.1
				:		1 1 1 1		1		1	1	!!!!!!	
TOTAL COST (BP-1100)				7	2.9	28	31.2	99	47.7		13.4		33.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)											
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	1: INST	ALLATION	DEPC	Ţ									
н	INITIAL I	LEAD TIME 21 MONTHS	- 21	MONTHS		Ĕ	FOLLOW-ON LEAD TIME 18 MONTHS	EAD TIME -	18 MONT!	SI			

UNCLASSIFIED ***

	TOTAL AMT		28.5	34.6	4.3	1.3	3.4	5.7	0.7	11.5	31.1	43.3	128.3			
(CONTINUED)	TO	 	95						1)	(28)	(99)	95	95			
CONTI	<u>.</u>	!										!	į 1			4
2	TO COMP											 		FY-01		FY-01 2 3
	TO QTY	t 1 1] 	\$; ; ;	FY-00		1 FY
	•	; !														
	AMT											; ; ; ; ;	f 	FY-99		(-1, 1-1)
ADIO)	FY-03	; ;										ì		86	യര	3 18 17
4/J R	P QTY	t ! !										!	[1 1 1 1	FY-98	2/98	FY-00 2 17 18
DE (7	0	i												FY-97	2/97 3/98	1 16 12
IPGRA	AMT											! ! !	1 1 1 1 1 1		3/	4 11 10
NAVSTAR GPS - COMM UPGRADE (A/J RADIO) UUED)	FY-02											İ	İ	FY-96	3/96 1/98	3 10 1
رة 1	FJ	!										!	! ! !			FY-99 2 1 2
AR GP	a	!										-		FY-95		1 4
AVST.	AMT											 	ING.)	94		4 4
NIIN	FY-01											! !	DING.	FY-94		3
3150		! ! ! !										! ! !	TO ROUN	FY-93		FY-98 2 1
FACT SHEET: B-1 MN-: PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT	CHANGE ORDERS	DATA	SUPPORT-EQUIP	GFE	INSTALLATION OF HARDWARE FY-96 1 KITS	28	FY-98 66 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MN-4252 MODIFICATION TITLE AND NO: AVIONICS COMPUTERS

MODELS OF AIRCRAFT AFFECTED: B-1B

PE 0101126F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P TEAM POWER CENTER: ASC

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DESCRIPTION/JUSTIFICATION: This modification increases the B-1's conventional weapons capability by upgrading six avionics computer units and two Data Transfer Units (DTUs). This increases data processing capability and significantly improves long term supportability. The upgrade also enables simultaneous carriage of weapon types (weapon flexibility) and greatly reduces the software cost and development schedule to add new weapons such as JSOW and JASSW. Total quantity procured is 103: 95 kits for aircraft and 8 for software labs and

DEVELOPMENT STATUS: EMD completes in FY98 and software integration efforts initiated in FY99..

PROJECTED

PROJECTED FINANCIAL PLAN	ā	PRIOR	7Y-96	96	Ÿ	FY-97	FY-98	98	FY-99	66.	FY-00	00
	QTY	AMT	QTY	AMT	OTY .	AMT	OTY	AMT	QTY	AMT	QTY	AMT
:	1 1		1 1		1 1 1		1				!	1 0
RDT&E (3600)				13.3		29.8		49.0		49.3		0.0
PROCUREMENT (3010)												
INSTALL KITS									က	1.1		
KITS NONRECUR												
EQUI PMENT									(2)	7.7		
EQUIP NONREC										2.7		
CHANGE ORDERS										9.0		
DATA										9.0		0.4
SIM/TRAINER												
SUPPORT-EQUIP												0.4
GFE										0.1		
INSTALLATION OF HARDWARE												
FY-99 3 KITS												
FY-01 17 KITS												
FY-02 28 KITS												
FY-03 29 KITS												
FY-04 18 KITS												
	1	1 1 1	!				1		1	1 1 1 1 1 1 1 1 1	1	1
TOTAL INSTALL QTY/COST												
TOBAL COST (BD-1100)		[!	! ! ! !	 		1 1 1 1		3	12.8		0.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)							,			
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	N: INS	TALLATION	· DEPOT/F1	ELD TEAM	-				•			
	INITIAL	LEAD TIME 21 MONTHS	21 MON1	CHS	121	FOLLOW-ON LEAD TIME 18 MONTHS	AD TIME -	18 MONTh	4S			

*** UNCLASSIFIED *** PAGE 024-7

																	.05 FY-06		·	
		AMT		37.1	105.1	8.5	1.9	1.1	2.3	6.3	1.7	2.9	3.1	2.0	10.0	178.5	FY-04 FY-05		د 4 د	
(VED)	TOTAL	YTO		95						<i>~</i>	17)	28)	29)	18)	95	95	.02 FY-03		FY-02	
(CONTINUED)	TO COMP	AMT		6.8	19.0	2.4	•	5 • 7	0.5			1.5	3.1 (2.0	9,6	37.6	FY-01 FY-02	2/01 1/02 4/02 3/03	33 4 3	3 4
	TO 01	OTY 		18	(18)							(14)	(29)	(18)			_		FY-01 1 2 3	FY-06 1 2 4 4
	FY-03	AMT		11.2	30.1	2.4		5 • 7	0.7		1.4	1.4			2.9	49.5		3/99	3 4	05 3 4 7 7 8 7
		QTY		1 29	8 (29)	0	m (5	7		3 (14)	~	•		3 58		124		FY-00	FY-05 1 2 7 8 7 7
ERS	FY-02	AMT		11.1	29.8	2.	0.3	'n	0.7		0.3				0.3	49.2	FY-96 F		3 4	04 3 4 7 7
AVIONICS COMPUTERS		QTY	0.	6.9 28	.6 (28)	1.2	9.0	0.7	0.4	~	3				0.3	7 28	FY-95		FY-99 1 2	FY-04 1 2 7 7
AVIONI (CONTINUED)	FY-01	AMT	27.0		18.6	1	Ó	0	0		Ď				1 1	28.7 UNDING.)	_	! ! ! !	3 4	3 4 7 7 7
252		QTY		17	(17)					RE ,	<u>.</u>				ST 3	17 DUE TO ROU	FY-93	x)	E: FY-98 1 2	E: FY-03 1 2 7 7 3 7
FACT SHEET: B-1 MN-4 PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS	DATA	SIM/TRAINER SUPPORT-EOUIP	GFE	INSTALLATION OF HARDWARE	FY-01 17 KITS	28	FY-03 29 KITS	FY-04 18 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 17 2 (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTFUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTFUT

PAGE 024-8

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: B-1B

02/14/97

FY 1998 PB DATE

EXHIBIT P3A CONGRESSIONAL

TEAM POWER

PE 0101126F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P

MODIFICATION TITLE AND NO: JDAM/1760 CONVENTIONAL ENHANCEMENTS MN-4253

B-1B aircraft. JDAM is the first Mil-Std-1760 weapon planned for the B-1, so the mod reduces future weapons integration costs by providing the Mil-Std-1760 interface equipment for the B-1B now for JDAM and future 1760-type weapons (i.e., WCMD and JSOW). The first three kits (FY96) are kit-proof units; the remaining 123 kits will be delivered to ACC for field-level installation on existing launchers in the inventory. DESCRIPTION/JUSTIFICATION: This modification procures 126 launcher conversion kits to integrate Joint Direct Attack Munitions (JDAM) onto the AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Safe separation flight testing started in FY96. Note: EMD costs for JDAM/1760 and GPS/comm were estimated as a single program, so they cannot be separated reasonably.

PROJECTED FINANCIAL PLAN													
	Ы	PRIOR		FY-96	و	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	Ö	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	! !	133.9	į	!	122.7		97.8		74.5		1.9		
PROCUREMENT (3010) INSTALL KITS				ო	0.2	18	0.8	21	0.9	99	3.5	18	1.1
KITS NONRECUR EQUIPMENT			_	3)	2.0 ((18)	10.9	(21)	11.9	(99)	37.5	(18)	10.0
EQUIP NONREC CHANGE ORDERS					0.1		1.0		0.3		2.3		1.1
DATA					!				9.0		0.4		0.8
SIM/TRAINER					ć						•		4
SUPPORT-EQUIP GFE					3.0				0.3		1.0		1.9
TOTAL COST (BP-1100)	1	1 1 1 1 1 1	İ		5.2	18	12.7	21	14.0	99	45.6	18	15.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	TO ROUR	NDING.)	ď	C/INTER	MEDIATE								
	INITIAL	INITIAL LEAD TIME 21 MONTHS		1 MONTH	S	Ŗ	T NO-MOTIC	EAD TIME	FOLLOW-ON LEAD TIME 18 MONTHS	{S			

*** UNCLASSIFIED *** PAGE 024-9

FACT SHEET: B-1 MN-4 PROJECTED FINANCIAL PLAN	1253	JDAM/17 (CONTINUED)	JDAM/1760 CONVENTIONAL ENHANCEMENTS	NTIONAL	ENHANCEN	4ENTS			(CONT)	(CONTINUED)	
	QTY	FY-01 AMT	QTY	FY-02 AMT		FY-03 QTY	AMT	TO	TO COMP	TO' QTY	TOTAL AMT
RDT&E (3600)		 				!			† † † † †	1	1 1 1 1 1
PROCUREMENT (3010) INSTALL KITS										126	6.5
KITS NONRECUR ÈQUIPMENT EQUIP NONREC											72.2
CHANGE ORDERS DATA											3.7
SIM/TRAINER SUPPORT-EQUIP											5.8
	1		-				1	1	1		
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) WITESTONES	E TO ROU	NDING.)								126	93.2
	FY-93		FY~95	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1	1	 - - -	3/96 3/98	2/97	3/98	1/99	1/00			

PAGE 024-10 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

DATE

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

TEAM POWER CLASS P PE 0101126F CLC B-1 MN-4255 CENTER: OC-ALC MODIFICATION TITLE AND NO: CITS DEPLOYABLE DIAGNOSTIC SYSTEM (CDDS) MODELS OF AIRCRAFT AFFECTED: B-1B

and reduces the manhours necessary to generate sorties. This modification for upgrade of obsolete hardware reduces data processing time as Report. The Central Integrated Test System (CITS) Deployable Diagnostic System (CDDS) upgrade is a revised title for the CEPS Rehost software upgrade described in the ORA Report, Section 5 to more accurately describe the modification. CDDS is a ground based system used to analyze flight and ground readiness data generated by the B-1B on-board CITS. CDDS provides diagnostic advice to aircraft maintainers well as providing the capability to deploy the system and reducing mean time between repairs. The expert parameter system will also be Implements one of the recommendations in section 5 of the B-1B Operational Readiness Assessment (ORA) Final expanded to include customer selected aircraft subsystems. DESCRIPTION/JUSTIFICATION:

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 0 MONTHS AMT FY-98 QTY AMT FY-97 QTY 7.0 6.0 0.4 5.2 METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE AMT FY-96 INITIAL LEAD TIME -- 12 MONTHS OTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER EQUIPMENT SOFTWARE

*** UNCLASSIFIED *** PAGE 024-11

FACT SHEET: B-1 MN-42 PROJECTED FINANCIAL PLAN	522	CITS DEPI (CONTINUED)	OYABLE DI	CITS DEPLOYABLE DIAGNOSTIC SYSTEM (CDDS)	SYSTEM (coos)		(CONTINUED)	NUED)		
	F. P.	FY-01 AMT	FY-02	02 AMT	OTY	FY-03 AMT	TO	TO COMP	TOTAL	VL AMT	
RDT&E (3600)						1		 			
ROCUREMENT (3010)									c	ć	
INSTALL KITS KITS NONRECUR									o	0.6	
EQUI PMENT											
EQUIP NONREC											
CHANGE ORDERS										•	
DATA STM/TRAINER											
SUPPORT-EQUIP											
SOFTWARE										5.2	
	:	1		1	1	: : : : : : : : : : : : : : : : : : : :		1 1 1 1 1 1 1 1	!	1 1 1 1 1 1 1	
TOTAL COST (BP-1100)	1104	, 5,170							ω	7.0	
(TOTALS MAI NOT ADD DOE TO ROUNDING:)	JE TO ROOF	dering.)									
	FY-96										
CONTRACT TO THE LOTE / EV.)	2/06										
DELIVERY-DATE (QTR/FY)											

02/14/97 DATE

FY 1998 PB

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The electrical power generator and distribution system generates and distributes AC/DC power and provides control, monitor and protection functions. The Generator Control Unit (GCU) controls a regulator that provides +15V DC for 9 of 10 printed wire assembly (PWA) boards in the GCU. Loss of this regulator results in loss of proper monitoring and protection. This will ultimately result in degraded primary AC bus voltage which degrades aircraft system performance and will jeopardize safety of aircraft and crew. A redesigned circuit would provide an automatic trip of the Generator Line Contactor (GLC) in event of loss of the +15V DC supply. TEAM POWER CLASS P PE 0101126F CLC B-1 Implementation of this circuit would eliminate the aforementioned problems. This is a proposed safety mod. CENTER: OC-ALC MN-4298 MODIFICATION TITLE AND NO: GENERATOR CONTROL UNIT REDESIGN MODELS OF AIRCRAFT AFFECTED: B-1B

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN			٠									
	д	PRIOR	FY	FY-96	FY	FY-97	FY.	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY 	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					Н	0.1	94	4.1				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA						2.1		0.3				0.4
SIM/TRAINER												
SUPPORT-EQUIP						1.3						
MOD OF SPARES			(15)	0.2	(57)	1.2	(47)	0.8				
INSTALLATION OF HARDWARE												
FY-97 1 KITS							(1)					
FY-98 94 KITS									(47)	0.2	0.2 (47)	0.2
	!	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			1 1 1 1 1 1 1	1		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST							1		47	0.2	47	0.2
			1 1 1 1	1	! ! ! ! !	1			1		1	
TOTAL COST (BP-1100)				0.2	1	4.7	94	5.2		0.2		9.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	N: INS	TALLATION	- DEPOT									
	INITIAL	INITIAL LEAD TIME 14 MONTHS	14 MON	THS	Ē	FOLLOW-ON LEAD TIME 14 MONTHS	EAD TIME	14 MONT	HS			

PAGE 024-13

			2.2	2.8	1.3	0.0	0.4	10.9		FY-00 2 3 4 11 36 11
NUED)	TOTAL QTY	! ! !	95			(1) (94)	96	95		FY-C 1 2 36 11 36 36
(CONTINUED)	1P AMT									3 4 11 36 11
	0	i !								FY-99
	AMT	 								4
7.	FY-03 QTY	1								FY-98 2 1
GENERATOR CONTROL UNIT REDESIGN (INUED)	AMT (-99 FY-00		4
TROL UNIT	FY-02	1						FY		FY-97 2 3
MATOR CON	YTQ .	!						FY	2/98	Ħ
GENERA (CONTINUED)	FY-01 AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						JNDING.)	1/97 2/98	ω 4
1298		i ! ! !				a		JE TO ROUN	1/97	FY-96
FACT SHEET: B-1 MN-4 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE OKDEKS DATA	SIM/TKAINEK SUPPORT-EQUIP MOD OF SPARES TANGMATTAMTON OF HADDWINDER	FY-97 1 KITS FY-98 94 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

OF AIRCRAFT MODIFICATION

02/14/97

FY 1998 PB DATE

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

CLASS P CLC B-1

DESCRIPTION/JUSTIFICATION: Modification procures kits to convert 50 of the existing MK-82 (500 pound class weapons), 28 station conventional bomb modules to carry ten 1000 pound class weapons, of various sizes, to include Cluster Bomb Units (CBU). This effort also provides for future growth weapons capability by added structure enhancements and provisions for later Mil-Std 1760 wiring incorporation. This modification will enhance the conventional capability of the aircraft and allow it to perform assigned missions / responsibilities. TEAM POWER PE 0101126F MN-4300 CENTER: ASC MODIFICATION TITLE AND NO: CONVENTIONAL BOMB MODULE MODIFICATION MODELS OF AIRCRAFT AFFECTED: B-1B

AIRCRAFT BREAKDOWN: Active -- 38 RES -- 0 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN		4		i	i		Ĭ	9	i	0	Ē	00	
	QTY	PKIOK	QTY	FI-96 AMT		rı-9/	QTY	AMT	YTQ	FI-99 AMT		AMT	
RDT&E (3600)		29.1				; ; ; ;			!	 	[{ }		
PROCUREMENT (3010) INSTALL KITS													
KITS NONRECUR EQUIPMENT EQUIP NONREC	21	10.3	29	8.4	T.								
CHANGE ORDERS DATA						0.3							
SIM/TRAINER													
SUFFORT-EQUIF INSTALLATION OF HARDWARE													
FY-95 21 KITS			(15)	0.4	~	0.2							
FY-96 29 KITS	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(29)	1.2		1	1	1	!		
TOTAL INSTALL QTY/COST			15	5 0.4		1.4							
TOTAL COST (BP-1100)	21	10.3	29	8.8		1.7	!	!	!		1	 	
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION. INSTALLATION DEPOT	TO RC	OUNDING.)	יטפפט	r									
I	INITIA	INITIAL LEAD TIME 8 MONTHS	8 M	NTHS	(±	FOLLOW-ON LEAD TIME 8 MONTHS	EAD TIME	8 MONTH	S				

FACT SHEET: B-1 MN-4 PROJECTED FINANCIAL PLAN	1300	CONVENT (CONTINUED)	CONVENTIONAL BOMB MODULE MODIFICATION INUED)	имв мори	E MODII	FICATION	_			COO	(CONTINUED)	6		
	FY QTY	FY-01 AMT	QTY	FY-02 AN	AMT	FY-03 QTY	03 AMT	QTY	TO COMP	1P AMT	QTY	TOTAL IY	L AMT	
RDT&E (3600)									1	! !		!		
COCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT MANDE												20	18.7	
CHANGE ORDERS DATA SIM/TRAINER													0.3	
SUPPORT-EQUIP ISTALLATION OF HARDWARE FY-95 21 KITS FY-96 29 KITS											~ ~	21) 29)	0.7	
TOTAL INSTALL QTY/COST											50		1.8	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-9	TO ROUN	DING.) FY-94	FY	ĒΥ	-97								20.8	
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)			3/95	1/96										
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY~93	8 4	FY-94	3	4	FY-95	m		FY-96 2 2 1	w ₹ 4	8 8 8	FY-97 2 10	3 13 12	4 6 11

PAGE 024~16 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

FY 1998 PB DATE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: This modification procures additional 10-carry conventional bomb modules for expanded conventional capability to meet mission requirements. The new modules will add capability to the existing 50 Phase I CMUP conventional bomb modules. This funding will be reprogrammed to BP19 for new procurement versus a modification. TEAM POWER PE 0101126F CLC B-1 MODIFICATION TITLE AND NO: ADD'L CONVENTIONAL BOMB MODULES MN-4302 CENTER: ASC MODELS OF AIRCRAFT AFFECTED: B-1B

DEVELOPMENT STATUS: TBD - Depends on final acquisition design.

AMT FY-99 OTY AMT FY-98 OTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

AMT

QTY

FY-00

PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS INSTALL KITS EQUIP NONREC **EQUI PMENT**

SIM/TRAINER

SUPPORT-EQUIP

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE TOTAL COST (BP-1100)

INITIAL LEAD TIME -- 21 MONTHS

FOLLOW-ON LEAD TIME -- 21 MONTHS

32.0

0.9 31.1

(14)

*** UNCLASSIFIED *** PAGE 024-17

B-1 MM-4302 ADD'L CONVENTIONAL BOMB MODULES ANCIAL PLAN (CONTINUED)	FY-01 FY-02 FY-03 TO COMP TOIL AMT QTY AMT QTY AMT QTY AMT		10)			31.1		6.0					32.0	OT ADD DUE TO ROUNDING.)		FY-96 FY-97	111111111111111111111111111111111111111	(OTR/FY) 3/97
FACT SHEET; B-1 MN-4. PROJECTED FINANCIAL PLAN		EDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	i	TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES	-	•	CONTRACT-DATE (OTR/FY)

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P

MODIFICATION TITLE AND NO: DIRECTION FINDING ENCODER (DFE) MN-4305

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Current DF Encoder anomalies yield corrupt information on emitters and delay responses and display times. A number of software "work arounds" implemented in PFS 4.01 and PFS 4.02 partially correct the problem; however, significant maintenance time is spent working DF-related problems and false CITS alarms. This modification will provide several benefits to the system: Accurate, reliable angle of arrival; greatly improved, stable DSO displays (situational awareness); more effective jamming; reduced computer processing and memory; and reduced maintenance costs. TEAM POWER PE 0101126F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: B-1B

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: None required.

PROJECTED FINANCIAL PLAN	PRJ	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1 1	1111111	1	1 1 1 1 1 1	1 1 1	1 1 1 1	1	1 1 1 1 1		1		
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUI PMENT					(62)	1.9						
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.2						
SIM/TRAINER												
MOD OF SPARES						0.4						
MOD OF SPARES						1.0						
	-	1 1 1 1 1			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1		1		1 1 1	1
TOTAL COST (BP-1100)						3.4						
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	ORG/INT	ERMEDIATE								
•	INITIAL 1	INITIAL LEAD TIME 12 MONTHS	- 12 MON	rhs	Es.	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 0 MONTHS				

PAGE 024-19 *** UNCLASSIFIED ***

FACT SHEET: B-1 MN-4 PROJECTED FINANCIAL PLAN	N4305 AN (CON	DIRECTION (CONTINUED)	FINDING	MN-4305 DIRECTION FINDING ENCODER (DFE)	FE)			(CONTINUED)	NUED)	
	FY-01 QTY	01 AMT	FY. QTY	FY-02 AMT		FY-03 AMT	TO	TO COMP	TOTAL QTY	AL AMT
RDT&E (3600)	 	 	! ! !	E			! ! !		 	1 1 1 1 1
ROCUREMENT (3010)										
KITS NONRECUR EQUIPMENT										1.9
CHANGE ORDERS										0.2
SIM/TRAINER MOD OF SPARES										0.4
	!			!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1				
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUND	ING.)								3.4
	FY-96	FY-97								
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		4/97								

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

TEAM INFO

PE 0207442F

EXHIBIT P3A CONGRESSIONAL

CLASS P CLC B-1 MN-5013 MODIFICATION TITLE AND NO: RF TOWED DECOY SYSTEMS

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: 8-18

02/14/97

DATE

DESCRIPTION/JUSTIFICATION: This modification installs the Navy AN/ALE-50(V)-1 Towed Decoy System (TDS) on the B-1B. The major components of the TDS include 2 launcher controllers, 2 launchers with magazines and canisters, and 8 AN/ALE-50 decoy rounds. These assets will be provided as GFP to Boeing North American, the TDS integrator. TDS will employ the AN/ALE-50 as a repeater decoy to improve the survivability of the B-1B against radar directed threat systems. Funding does not include decoy rounds.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Contractor EMD for Group A and B CFE began 3/95. MS III is planned for 1/98. Kit proof procured 2/97, installation begins 2/98.

PROJECTED FINANCIAL PLAN	PRIOR	JR AMT	FY- OTY	FY-96 AMT	FY-97	97 AMT	FY- OTY	FY-98 AMT	FY-99 OTY	.99 AMT	FY	FY-00 AMT
	* !							1				
RDT&E (3600)						24.1		3.2				
PROCUREMENT (3010)												
INSTALL KITS					1	2.4	12	12.1	21	18.5	23	19.3
KITS NONRECUR												
EQUIPMENT					(1)	9.0	(12)	6.3	(21)	11.4	(23)	12.9
EQUIP NONREC												
CHANGE ORDERS								0.7		0.5		2.7
DATA								0.2		0.4		0.4
SIM/TRAINER												
SUPPORT-EQUIP								0.5				
TRAINING								0.1		0.2		0.2
PMA								0.3		0.3		0.3
INSTALLATION OF HARDWARE												
FY-97 1 KITS							(1)	0.2				
FY-98 12 KITS									(12)	1.9		
FY-99 21 KITS											(21)	3.4
23												
FY-01 23 KITS												
FY-02 15 KITS												
	1			1	-		!	: : :		1	1	
TOTAL INSTALL QTY/COST							-	0.2	12	1.9	21	3.4
		1	!	! ! !					1 6			200.1
TOTAL COST (BP-1100)	LUNITOR OT 1	(SNI			→	o.°°	71	† . 0.7	17	77.5	63	1.60
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	N: INSTAI	LLATION	DEPOT									
	INITIAL LEAD TIME 14 MONTHS	SAD TIME -	- 14 MONT	SHC	FO	TLOW-ON L	EAD TIME	FOLLOW-ON LEAD TIME 14 MONTHS	SI			

*** UNCLASSIFIED *** PAGE 024-21

FACT SHEET: B-1 MN-5 PROJECTED FINANCIAL PLAN	013	RF TOWED DECOY SYSTEMS (CONTINUED)	D DECOY	SYSTEMS					(O)	(CONTINUED)			
		FY-01 AMT	QTY	FY		FY-03 QTY	3 AMT	TO	TO COMP	QTY	TOTAL	AMT	
RDT&E (3600)					1	1		!			!		
PROCUREMENT (3010) INSTALL KITS	23	18.9	15		12.2					0	95	83.4	
KITS NONRECUR EQUIPMENT	(23)	12.4	(15)		8.5							52.0	
CHANGE ORDERS		2.6			2.0		0.1					9.6	
DATA STM/TDBINED		0.4			1.8		0.9					4.1	
SUPPORT-EQUIP												0.5	
TRAINING		0.2			2.5		1.0		~	~		9.6	
INSTALLATION OF HARDWARE		•			?		?		;			1	
FY-97 1 KITS										(1)	~ .	0.2	
FY-98 12 KITS FY-99 21 KITS								٠		(12)	~ ~	3.4	
23	(23)	3.8								(23)		3.8	
FY-01 23 KITS			(23)		5.3	121	~			(23)		5.3	
3	1	!	1 1 1	1	- ' - -	: 	0 1	[[]	1 1 1	(61)	- 1	0 1	
TOTAL INSTALL QTY/COST	23	3.8			5.3	15	3.6			95		18.1	
TOTAL COST (BP-1100)	23	38.5			32.3		5.9		0.3			172.6	
(TOTALS MAY NOT ADD DUE MILESTONES	TO ROUNDING.)	DING.)											
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04				
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		1/97 2/98	1/98 2/99	1/992/00	1/00	1/01 2/02	1/02 2/03						
INSTALLATION SCHEDULE:	FY-96		FY-97			FY-98		FY-99	66		FY-00		
QUARTERS 1 INPUT	2	3	1 2	က	4 1	1	3	1 2	നഗ	6 1	2 9		
OUTPUT							-			1 5	9	5 6	
INSTALLATION SCHEDULE:	FY-01		FY-02	02		FY-03		FY-04					
QUARTERS 1	2 ب	e 4	1 2		4 4	2 4	8 4	1 2	m	4			
,	ហ	200	9	ഹ	9	စ္	5 6	4					

PAGE 024-22 *** UNCLASSIFIED ***

02/14/97 DATE

FY 1998 PB

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P

off-the-shelf equipment to support the Visual Sensor Simulation (VSS) systems for four Weapon System Trainers (WST), plus Training Support Center (TSC) database utilization capability. Contract changes for one WST and two Mission Trainers (MT) were exercised in FY95. FY97 funds will be used for a computation system upgrades to the Cockpit Procedures Trainers (CPT) and Maintenance Training Equipment (MTE) to expand memory and spare time to accommodate Block D upgrades. TEAM POWER accomplished through an Air Combat Command (ACC) program called Interoperable Visuals/Sensors for ACC (IVACC). FY93/94 funds purchase DESCRIPTION/JUSTIFICATION: This modification provides visual and computation updates to the training system. The visual effort is being PE 0101126F CENTER: ASC MN-5047 MODIFICATION TITLE AND NO: SIMULATOR UPDATES MODELS OF AIRCRAFT AFFECTED: B-1B

DEVELOPMENT STATUS: No development.

PROJECTED FINANCIAL PLAN	PRIOR	OR.	FY-96	ۅؚ	FY-97	97	FY-98	86.	FY-99	66.	FY	FY-00
	QTY	AMT		AMT		AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)			; ; ;		! ! !						! ! !	i i i i
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT												
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER		18.6				6.9		5,3		5.6		
SUPFORT-EQUIP INSTALLATION OF HARDWARE	; ; ;	 					!	! ! ! !	; 	; ; ; ;		1 1 2 2 1 1 1
TOTAL INSTALL QTY/COST	! ! ! !	 				: : : : :		! ! ! ! ! !		; ; ; ; ;]]] 1	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT FIELD TEAM INITIAL LEAD TIME 15 MONTHS	TO ROUND N: INSTAL INITIAL L	18.6 DING.) ALLATION DEPOT FIELI LEAD TIME 15 MONTHS	DEPOT FIE - 15 MONTH	LD TEAM		6.9 LLOW-ON LEA	AD TIME -	6.9 5.3 FOLLOW-ON LEAD TIME 15 MONTHS	70	5.6		

*** UNCLASSIFIED *** PAGE 024-23

FACT SHEET: B-1 MN-9 PROJECTED FINANCIAL PLAN	5047	SIMULAT (CONTINUED)	SIMULATOR UPDATES FINUED)	SE					(CONT	(CONTINUED)	
	FY-01			FY-02		FY-03		TO	TO COMP		TOTAL
	QTY	AMT	QTY	AMT	!	OTY	AMT	QTY 	AMT	OTY	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUI PMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											0.0
SIM/TRAINER											36.4
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
	1	1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	1		1
TOTAL INSTALL OTY/COST											
(DOL1-08) #300 14#0#			1 1 1			; ;		1 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		A 26
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.									
MILESTONES		•									
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99				
	!!!!!	1	1	!!!!		1 1 1	-				
CONTRACT-DATE (QTR/FY)	2/94	2/94	2/95		2/97	2/98	5/88				
DELIVERY-DATE (QTR/FY)	3/62	3/95	3/96		3/98	3/66	3/00				

PAGE 024-24

OF AIRCRAFT MODIFICATION

02/14/97

DATE

FY 1998 PB

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE TEAM POWER PE 0101126F CENTER: WR-ALC MN-5052 MODIFICATION TITLE AND NO: WAVEFORM GENERATOR EEPROMS MODELS OF AIRCRAFT AFFECTED: B-1B

RIPTION/JUSTIFICATION: Replaces existing fusible link Programmable Read Only Memory (PROM) printed circuit boards in the wave-form generator with Electronically Erasable (EE) PROMs. Current procedures to change waveform data embedded in the PROMs requires removal and replacement of PROMs at the depot. This removal and replacement process can take 18-36 months to rotate all B-1B waveform circuit cards through the depot. The number of times this process can be accomplished is limited without jeopardizing the integrity of the multi-layer sites. The replacement PROMs will contain new waveform data as required by the user. The FY98/99 funds are in support of a WR-ALC Depot Field Team to visit the user sites for the purpose of a modifying the WRG IRUS (installs & spares). Removal of the unmodified IRU from boards. Implementing EEPROMs in the waveform generator provides ACC with the capability of rapid reprogramming waveform data at field the aircraft and re-installation of the modified LRU will be accomplished by O&I resources. AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16 DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: Development complete.

AMT FY-00 QTY 0.3 0.3 AMT FY-99 (48) ΟŢΥ FOLLOW-ON LEAD TIME -- 24 MONTHS 0.3 0.3 AMT FY-98 47) OTY 0.4 9.0 0.3 AMT FY-97 OTY METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM 2.6 3.9 0.4 AMT FY-96 INITIAL LEAD TIME -- 24 MONTHS 93 95 38) QTY AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) KITS PROCUREMENT (3010) MOD OF SPARES KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC RDI&E (3600) 92 SIM/TRAINER **EQUIPMENT** SOFTWARE FY-96 DATA

*** UNCLASSIFIED *** PAGE 024-25

FACT SHEET: B-1 MN-9 PROJECTED FINANCIAL PLAN	3052	WAVEFOR (CONTINUED)	M GENER	WAVEFORM GENERATOR EEPROMS INUED)	ROMS						(CONTINUED)	NUED)	
	FY-01			FY-02			FY-03		Ţ	TO COMP			TOTAL
	QTY	AMT	QTY		AMT	QTY	Z ;	AMT	QTY	Æ	AMT	QTY	AMT
RDT&E (3600)			,										
ROCUREMENT (3010) INSTALL KITS													
EQUIPMENT EQUIP NONREC												93	2.6
CHANGE ORDERS DATA													0.4
SIM/TKAINEK SUPPORT-EQUIP MOD OF SPARES SOFTWARE													1.0
NSTALLATION OF HAKDWAKE FY-96 95 KITS												(62)	9.0
TOTAL INSTALL QTY/COST												95	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUND	ING.)										95	5.8
	FY-96	FY-97	FY-98	FY-99									
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	2/96 2/98						•						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2	3	1 EY	FY-97 2 3	4	FY-98 1 2 15 15	98 3 15 15	4 15	FY 1 14 1	FY-99 3 12 12 12 12 12	4 12 12		

PAGE 024-26

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

TEAM POWER

PE 0101126F

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 MODIFICATION TITLE AND NO: 1122 IMPROVEMENT MN-82U800

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: B-1B

DATE 02/14/97 FY 1998 PB DESCRIPTION/JUSTIFICATION: Improves the 1122 technique beyond the current baseline. Includes frequency extension, multiple point threat handling capability, and improved power handling. Planned FY97 and FY98 kit buys were cancelled. FY98 funds are to install the last of the kits procured in FY96.

AIRCRAFT BREAKDOWN: Active -- 51 RES -- 0 ANG -- 11

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL FLAN		PRIOR	46~Y4	Ý	FY-97	.97	FY-	FY-98	FY-99	Ţ.	FY-00	
	OTY			AMT	QTY	AMT	QTY	AMT		QTY	AMT	
RDT&E (3600)	 	1 1 1 1 1 1		 								
PROCUREMENT (3010) INSTALL KITS	47	17.5	15	5.1								
KITS NONRECUR EQUIPMENT		5.9										
EQUIP NONREC						-		-				
CHANGE URDERS DATA		1.4		0.3		7.3		•				
SIM/TRAINER												
SUPPORT-EQUIP		1.5				1.7						
MOD OF SPARES		0.1										
INSTALLATION OF HARDWARE												
FY-92 1 KITS ((1)	0.3										
FY-93 15 KITS ((15)											
FY-95 31 KITS			(18)	3.8	(13)	1.7						
FY-96 15 KITS					(6)	1.2	(9)	0.9				
TOTAL INSTALL QTY/COST	16			3.8	22	2.8	9	6.0				
TOTAL COST (BP-1100)	47	29.8	15	9.2	 	5.8]]] [1.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 18 M	TO RO	TO ROUNDING.) N: INSTALLATION DEPOT INITIAL LEAD TIME 18 MONTHS	- DEPOT 18 MONTH	SI	FO)LLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 18 MONTHS	ន្ទ			

PAGE 024-27
*** UNCLASSIFIED ***

(CONTINUED)		AMT QTY AMT		62 22.5	6.3	1.4	1.7	3.2	0.1			(31) 5.5	1	62 11.0					5 FY-96	3 4 1 2	9			
	TO COMP	QTY											1 1 1		1 1 1 1				FY-95	1 2 2	1			
	FY-03	AMT											1 1 1 1 1 1				.97 FY-98		FY-94	2 3 4				
	124	QTY											1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		FY-96 FY-97	1/96 3/97	FY-	4 1 2	•	•	.	
OVEMENT	FY-02	QTY AMT											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				94 FY95	1/95	FV-93	2 3		FY-98	2 1 3	5
(CONTINUED)	FY-01	AMT											1 1 1 1 1			DING.)	FY-93 FY-94	3/93		3 4 1			3 4 I	
1208	FY	QTY											1			TO ROUN	FY-92	4/92	FV-92	1 2		FY-97	2 2 2	. S
FACT SHEET: B-1 MN-8 PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS	DATA	SIM/TRAINER SUPPORT-EQUIP	MOD OF SPARES	INSTALLATION OF MAKEMARE FY-92 1 KITS	15	31	FY-96 15 KITS	TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	THERMITATION SCHEDIILE.	OUARTERS 1	TUPUT	INSTALLATION SCHEDULE:	QUARTERS	

PAGE 024-28
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: OC-ALC

MN-T4251C

MODIFICATION TITLE AND NO: LANCER 101C

02/14/97

FY 1998 PB DATE

TEAM POWER PE 0101126F

DESCRIPTION/JUSTIFICATION: Applies to F101 engines. Corrects safety related problems in combustor dome/cowl and the high pressure turbine aft retainer. Corrects high maintenance man-hour problems with the HPT nozzle, forward center body, augmentor spray bar, alternator nut, gearbox bevel gear, HPC blade cropping No. 3 bearing retainer ring, and CDP seal joint. Each B-1 aircraft will be affected by this modification. There are four engines per aircraft. Kits procured in FY92/93 will be installed by field personnel (i.e., O&I); leadtimes vary in these years because kits are being produced at the item manager level. FY94/95 kit procurements revert to the normal 12 month leadtime and require depot level install.

AIRCRAFT BREAKDOWN: Active -- 390 RES -- 0 ANG -- 64

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY-96	96	FY-97	97	FY~98	86	FY-99	66-	FY-	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		1 1 1 1 1 1 1 1	1		1	1 1 1 1 1 1 1					1	1
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUI PMENT	454	32.3										
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1										
SIM/TRAINER		2.4										
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
	(102)											
FY-93 166 KITS	(166)											
FY-94 104 KITS	(104)											
FY-95 82 KITS			(82)	0.9								
				1 1 1 1 1 1 1 1	!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1		1		1 1 1	1
TOTAL INSTALL QTY/COST	372		82	0.9								
	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1		1	1111111		11:41:1:		! ! ! ! ! ! !	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
TOTAL COST (BP-1100)	454	34.9		0.9								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)										
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION	N: INST	ALLATION	COMBINAT	ION								
	INITIAL	LEAD TIME 3 MONTHS	- 3 MONTH	S	F0]	LLOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 12 MONTHS				

*** UNCLASSIFIED *** PAGE 024-29

φ 6

	TOTAL						32.3		0.1	2.4								6.0	35,7						FY-96	2 3 4 41 41	41			
(CONTINUED)	TO.	:					454						(102)	(166)	(104)	(85)		454	454						FY	-				
(CONT	P AMT																		! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !							3 4				
	TO COMP	 															1		t						FY-95	7				
	5	; ;															!		1											
	3 AMT																									۳ ۳				
	FY-03																		i !			FY-97			FY-94	2				
		1															·		! !			FY-96				4 1				
	FY-02																1 1 1 1 1 1					FY-95	2/95	96/2	_	က				
101C	F.	× 1																				FY-94			FY-93	1 2				
LANCER 101C NUED)	TMA	1111															! ! ! ! ! ! ! ! !			6.)			4/94 4			4		•	4	
MN-T4251C LANC LAN (CONTINUED)	FY-01																		!	ROUNDIN			3/94 4		FY-92	3		FY-97		
FACT SHEET: B-1 MN-T4 PROJECTED FINANCIAL PLAN	c	י ול ו	RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	ATION OF	FY-92 102 KITS		104	FY-95 82 KITS		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES	(tu	CONTRACT-DATE (OTR/FY) 3		INSTALLATION SCHEDULE: F	QUARTERS 1 INPUT	OUTPUT	HEDULE:	COARLERS	OUTPUT 41

PAGE 024-30 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P MODIFICATION TITLE AND NO: LANCER 101D MN-T4251D

TEAM POWER

PE 0101126F

DESCRIPTION/JUSTIFICATION: Corrects F101 engine problems that are high maintenance hour and future NMC drivers by modifying: high turbine FWO outer seal, thrust control actuator, turbine frame oil tube, VSV rigging, power managed aft control, front frame, and low pressure turbine stage 2 blades.

AIRCRAFT BREAKDOWN: Active -- 390 RES -- 0 ANG -- 64

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: B-1B

02/14/97

DATE

FY 1998 PB

DEVELOPMENT STATUS: N/A.

AMT FY-00 QTY AMT FY-99 QTY AMT FY~98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

			8.5						
			56						
			17.7						
			317						
			2.9			0.1			
			91						
PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	

0.4

2

8.5 56 TOTAL COST (BP-1100) 76 (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

0.4

ß

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED *** PAGE 024-31

JED)	TOTAL QTY AMT			454 29.6			0.1				454 29.6						
(CONTINUED)																	
	TO QTY	!								1							
	-03 AMT] ! ! ! !															
	FY-03 QTY									1							
	FY-02 AMT													FY-98	1 1 1 1 1 1	1/98	1/99
1010	P	1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								-				FY-97	1 1 1 1	1/97	1/98
MN-T4251D LANCER 101D PLAN (CONTINUED)	FY-01 AMT	! ! ! ! !								1		DING.)		FY-96	1	1/96	1/97
-T4251D N (CO	FY	; ; ;								!!!!!!!		TO ROUN		FY-95	1 1 1	2/95	2/96
FACT SHEET: B-1 MN-T4251D LANC PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: B-1B

TEAM POWER PE 0101126F

CENTER: OC-ALC MN-T4251E MODIFICATION TITLE AND NO: LANCER 101E

DESCRIPTION/JUSTIFICATION: Corrects F-101 engine deficiencies in the Central Integrated Test System (CITS) processor and fuel/lube tube fittings to reduce or eliminate future Not Mission Capable (NMC) problem areas. This mod also incorporates the newly developed ruggedized fan blade upgrade. Kits will be installed under the engine overhaul program on engines cycling through depot within the required time-frame. Installation of other kits will be at organizational level.

AIRCRAFT BREAKDOWN: Active -- 390 RES -- 0 ANG -- 64

DEVELOPMENT STATUS: N/a

9.9 9.9 AMT FY-00 108 108 QTY 11.0 11.0 AMT FY-99 124 124 OTY 10.5 0.5 11.0 AMT FY-98 117 117 OTY 0.1 10.2 10.1 AMT FY-97 106 106 OTY AMT METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION FY-96 INITIAL LEAD TIME -- 6 MONTHS OTY AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR OTY INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN TOTAL COST (BP-1100) KITS KITS KITS KITS PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP RDT&E (3600) INSTALL KITS EQUIP NONREC 106 124 108 SIM/TRAINER 117 **EQUIPMENT** FY-97 FY-00 FY-98 FY-99 DATA

FOLLOW-ON LEAD TIME -- 12 MONTHS

	AL	AMT				41.5					9.0								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		 	42.1				
NUED)	TOTAL	QTY			i	455													1 1 1		! ! !	455				
(CONTINUED)	OMP	AMT																	!		: : : :					
	TO COMP	OTY																	1		1					
	03	AMT																	1							
	FY-03	QTY																								
		AMT Q																					FY-00		1/00	1/01
	FY-02	A.																					FY-99	1	1/99	1/00
101E	Ē4	OTY																	!		1		FY-98	1 + 1 1 1	1/98	1/99
1E LANCER 101E (CONTINUED)	01	AMT																	1			ING.)	FY-97	1	1/97	3/97
425	FY-01	QTY																	1 1		1 1 1 1 1	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	FY-96	1 1 1		
FACT SHEET: B-1 MN-T PROJECTED FINANCIAL PLAN														DWARE	S	S	S	S		/cosr		OO) DD DUE			R/FY)	R/FY)
B-1 INANCI			_	_	3010)	တ	UR		Ü	RS			IP	OF HAR		KITS	KITS	KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)
FACT SHEET: B-1 PROJECTED FINANC			(3600)		MENT (INSTALL KITS	KITS NONRECUR	MENT	EQUIP NONREC	CHANGE ORDERS		SIM/TRAINER	SUPPORT-EQUIP	ATION	106	117	124	108		INSTA		COST LS MAY			ACT-DA	ERY-DA
FACT			33 TO 0	ADI &E	PROCUREMENT (3010)	INSTA	KITS	ÉQUI PMENT	EQUIP	CHANG	DATA	SIM/T	SUPPO	INSTALLATION OF HARDWARE	FY-97	FY-98	FY-99	FY-00		TOTAL		TOTAL COST (TOTALS MA)	1		CONTR	DELIV

PAGE 024-34 *** UNCLASSIFIED ***

UNCLASSIFIED

		BUDGET ITEN (EXHIB	TEM JUSTIFICATION HIBIT P-40)				DATE FEBRUARY 1997	Y 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	AFT MODIFICATIONS	NS N	P-1 ITEM NOMENCLATURE: B-52	LATURE: B-52			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mii)	\$4.765	\$20.263	\$28.907	\$61.130	\$42.773	\$34.040	\$20.875	\$6.778
		1						1

This line item funds modifications to the B-52H aircraft. The B-52H strategic bomber maintains nuclear and conventional taskings. The overall goal of the modifications budgeted in FY98 is to conventionally enhance 66 B-52H aircraft to replace the retired conventionally tasked B-52G aircraft. The specific modifications budgeted and programmed are below.

	MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFICATION TITLE									TO G0	PROG.
Ь	3150	NAVSTAR GLOBAL POSITIONING SYS	1.9	0.2	1.5	2.7						32.2
	3263	INTEGRATED CONV STORES MGMT SY	0.7	0.3	3.0	5.7	2.7					70.7
	3264	ELECTRO-OPTICAL VIEWING SYSTEM		0.1	1.1	3.9	2.0	2.4				9.4
	3308	VINSON				0.7	9.0					3.1
	4222	ARC-210 RADIO	1.1	1.0	0.5	5.5	1.5					24.2
	4258	HARPOON	6.0									5.7
	4260	ADVANCED WEAPON INTEGRATION		4.2	9.9	5.1						15.8
	4270	ECM IMPROVEMENT			4.7	21.9	31.3	31.5	20.9	6.8	0.2	117.3
	4371	GPS TACAN		3.0	11.5	15.6	4.7					34.7
	49203B	HIGH RELIABILITY BATTERY	1.3									10.8
	X66666	LOW COST MODIFICATIONS			0.1	0.1	0.1	0.1				0.8
	288888	REPROGRAMMINGS	-1.0	11.5								10.6
	J	CLASS P TOTAL FOR B-52	4.8	20.3	28.9	61.1	42.8	34.0	20.9	6.8	0.2	
TOTAL	TOTAL FOR B-52	2	4.8	20.3	28.9	61.1	42.8	34.0	20.9	6.8	0.2	

Totals may not add due to rounding.

)	
- j		
PAGE P		
F-1 SHOPP LIST	ITEM NO. 025	

UNCLASSIFIED

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-52

DESCRIPTION/JUSTIFICATION: Navstar GPS provides worldwide three-dimensional positioning/navigation for military aircraft. GPS is baselined to ICSM and HAVE NAP. First 10 kits are refurbished kits taken from retiring G-models. Remaining kits are new procurement. Installation TEAM POWER PE 0101113F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: B-52H

pricing varies because some kits are contractor installed and some are depot installed. AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Development complete.

FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

AMT 0.7 0.3 2.0 5 3 3 3 1.5 9.0 ო 3 0.2 0.5 0.2 7 1.1 0.2 1.9 0.2 METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION 5 26.0 2.0 4.2 2.1 (TOTALS MAY NOT ADD DUE TO ROUNDING.) 66 1) 66) (24) 46 99 7 TOTAL INSTALL QTY/COST INSTALLATION OF HARDWARE TOTAL COST (BP-1100) KITS KITS KITS KITS PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP INSTALL KITS EQUIP NONREC SIM/TRAINER **EQUIPMENT** FY-98 FY-99 FY-92 FY-94 FY-95 DATA

*** UNCLASSIFIED *** PAGE 025-1

FOLLOW-ON LEAD TIME -- 6 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

	TOTAL AMT		8.7	5.4	2.9	1.0	1:1	3.3	0.7	0.0		0 !	32.2			FY-96	1 1	1			
IVED)	TOTY		11					24)	8	(S) (R)	} ;	7	7.1			Ĺų	-	9			
(CONTINUED)	!								_		ļ	ł				•	4 0	9		4	
õ	TO COMP AMT											1		FY-00	 		n 9		00	ო	
	TO										!	!		FY-99	1/99 3/99	FY-95	2 2	2	FY-00	1 2	9
	E	<u> </u>										¦		FY-98	1/98 3/98	,	.			4 (9 9
¥)3 AMT													FY	3,	c	า			m	2 0
TEM	FY-03 QTY										!			FY-97		FY-94	4		FY-99	2 .	വഹ
SYS	ò										ł	1		FY-96	! !		4				2
ONING	AMT											1		FY-		•	7'			4	
NAVSTAR GLOBAL POSITIONING SYSTEM :NUED)	FY-02 A											1		FY-95	2/95 2/96		n		88	e	
SLOBAL	PTQ											! !		FY-94	2/94 1/95	FY-93	7	9	FY-98	1 2	
TAR (_										ļ				. 5	•	e				
0 NAVST (CONTINUED)	11 AMT												NG.)	FY-93	 					ε,	-
150 (CONT	FY-01 QTY										!	,	ROUNDI	FY-92	1/92	35	r 9 7	9	FY-97	2	
MN-3150 AN ((ō į										i		E 70	Ē	והה	Œ,	. 9			1	₩.
AL PI			(0:				HARDWARE	KITS KITS	KITS	KITS KITS	mooc/ Amo	TOTAL INSTALL QTI/CUST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	8 E	F	INSTALLATION SCHEDULE:	S !	EE
SET: B		(0098	TT (301 KITS	TT.	RDERS	INER	TON OF	24 34	8	m 0	* * * * * * * * * * * * * * * * * * * *	STALL	ST (BP MAY NO JES		-DATE	VTION S	COARTERS	OUTPUT	TION S	QUARTERS	INPUT
FACT SHEET: B-52 PROJECTED FINANCI		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECHR	EQUIPMENT FOILT NONREC	CHANGE ORDERS	SIM/TRAINER	INSTALLATION OF	FY-92 FY-94	FY-95	FY-98 FY-99	111111111111111111111111111111111111111	TOTAL 10	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES		CONTRACI	INSTALL	^		INSTALL	•	
			щ				Ħ														

PAGE 025-2

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: INTEGRATED CONV STORES MGMT SYS MN-3263 FY 1998 PB

CLC B-52

DESCRIPTION/JUSTIFICATION: This program provides an Integrated Conventional Stores Management System (ICMS) using Military Standard 1760 specifications. The system is integrated into the offensive avionics system software and will enable the B-52 to carry, program, and launch new conventional weapons that are built to Military Standard 1760. FY93 uses excess B-52G group B kits for B-52H installation. This modification is baselined to the NAVSTAR GPS (MN# 3150), HAVE NAP (MN# 3375A), Harpoon (MN# 4259), and Advanced Weapon Integration (MN# 4260) modifications. The ECP funds mods to additional pylons in support of increased force structure. TEAM POWER PE 0101113F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: B-52H

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN										*			
	PRIOR	OR	FY-96	9	FY-97	97 mwr	FY-98	.98 mwr	FY-99	96 TM/4	FY	FY-00	
			1	112	1 2 1	757		10.00	;	11.	; ;		
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS	99	15.6	٠										
KITS NONRECUR	-	15.0					4	1.0					
EQUI PMENT		0.1							(25)	0.2			
EQUIP NONREC		2.4										1.2	
CHANGE ORDERS				0.4								1.0	
DATA		3.8						6.0		1.8			
SIM/TRAINER		1.8											
SUPPORT-EQUIP		10.8						0.8		0.8		0.5	
TOOLING		0.2											
ECP (PYLONS)										9.0			
250						0.1		0.1					
INSTALLATION OF HARDWARE													
FY-93 10 KITS	(10)	3.5											
FY-94 38 KITS	(98)	5.1	(2)	0.3									
FY-95 19 KITS				•	2)	0.2	(2)	0.3	(15)	1.7			
FY-98 4 KITS									(4)				
TOTAL INSTALL QTY/COST	46	9.8	2	0.3	5	0.2	2	0.3	119	2.3			
TOTAL COST (BP-1100)	19	58.3		0.7		0.3	4	3.0		5.7		2.7	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)	E .										
METHOD OF IMPLEMENTATION: INSTALLMITON DEPOI INITIAL LEAD TIME 6 MON	N: INSTA INITIAL L	N: INSTALLATION DEFOT INITIAL LEAD TIME 6 MONTHS	DEFOI - 6 MONTHS		FOI	TOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 6 MONTHS					

**	
UNCLASSIFIED	
*	

QTY 													
·	FY-01		Íω	FY-02		FY-03		TO	TO COMP			TOTAL	
	TMA	E!	QTY	AMT		QTY	AMT	OTY 	AMT	!	QTY	AMT	_
1010C													
FROCOREMENT (3010)											99	-	4
INSTALL ALIS											3	•	, ,
KITS NONRECUR											C	7	0.0
EQUITMENT													, 4
CULP NONREC													4.4
Change Orders													6.4
SIM/TRAINER													
SUPPORT-EQUIP												T	12.9
TOOLING													0.2
ECP (PYLONS)													9.0
250													0.1
ATION OF													
10										_	10)		5
38										_	38)		5.4
FY-95 19 KITS										~	19)		.2
FY-98 4 KITS										~	4)		9.0
! ! ! ! ! !	!	1	!	1	i !	1	1	1	1	!		 	1 '
TOTAL INSTALL QTY/COST		1		1	i	-		1	1		7.1	1	11.7
TOTAL COST (BP-1100)											7.1	7	7.07
DOE	TO ROUNDING.)												
MILESTONES	00 EV. 03		V	70	EV. 06	FV - 07	FV-98	FV-99	001				
76-13			F1-24	C6 - 13	06-11	10 11	3						
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)			2/94 4/94	2/95 4/95									
INSTALLATION SCHEDULE: FY-92	.92		FY-93	ņ		FY-94		FY	FY-95		FY	FY-96	
QUARTERS 1 2	e	4	1 2	κ,	4 1	7	3		2 3	4 (٠.,	2 3	4
INPUT				₹"	4		7			י עכ		, ,	
OUTPUT					4			7	ი	თ	თ	1	
INSTALLATION SCHEDULE: FY-97	-97		FY-98	æ		FY-99		FY	FY-00				
	2 3	4	1 2	Э	4 1	7	3 4	1	2	4			
			1	-1	5	S	5 4						
OUTPUT	1		1	1	~ I	ស	5	4					

PAGE 025-4

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ELECTRO-OPTICAL VIEWING SYSTEM (EVS) MN-3264

CLC B-52

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: This unit combines the three high failure Electro-Optical Viewing System (EVS) Line Replaceable Units (LRUs) into one highly reliable unit. Mean time between failure of 4458 hours is expected versus the current 332 hours. Reduces internal LRU cards from 75 to 10. Improves EVS reliability and maintainability.

AIRCRAFT BREAKDOWN: Active -- 56 RES -- 0 ANG -- 0 TEAM POWER PE 0101113F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED:

DEVELOPMENT STATUS:

2.0 0.5 1.4 AMT FY-00 12 12 12) QTY _ 5.9 3.9 1.0 AMT FY~99 26 26 26) QTY FOLLOW-ON LEAD TIME -- 12 MONTHS 0.3 0.3 0.1 AMT FY-98 7 5 QTY 0.1 0.1 AMT FY-97 7 ΩľΧ METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS AMT FY-96 QTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) SUPPORT-EQUIP KITS NONRECUR CHANGE ORDERS EQUIP NONREC INSTALL KITS RDT&E (3600) SIM/TRAINER **EQUI PMENT**

* * *** UNCLASSIFIED PAGE 025-5

(EVS)	
~	
VIEWING SYSTER	
ELECTRO-OPTICAL	INUED)
MN-3264	L PLAN (CONT
B-52	
FACT SHEET:	ROJECTED FINANCIA
E	PF

(CONTINUED)

RDTGE (3600) RDTGE (3600) ROTZ AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY ROUNEMENT (3010) ROTZALL KITS		FY	FY-01		FY-02		FY-03	e	TO	TO COMP	TC	TOTAL
15 0.6 (15) 1.8 ADD DUE TO ROUNDING.) FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-96 TY-97 2/98 1/99 1/00 1/01 1/02 FRRFY) 2/98 1/99 1/00 1/01 1/02 1/03		QTY	AMT	QTY		·		AMT	VTQ	AMT	OTY	AMT
15 0.6 (15) 1.8 100) 15 2.4 ADD DUE TO ROUNDING.) FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02	(3600)											
S 15 0.6 JR (15) 1.8 (15) 1.8 LP	MENT (3010)											
TR (15) 1.8 St (15) 1.8 IP	LL KITS	15	9.0								52	2.2
(15) 1.8 SS SS NOT ADD DUE TO ROUNDING.) FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02	NONRECUR										-	0.1
FY-100) 15 2.4 NOT ADD DUE TO ROUNDING.) FY-96 FY-97 FY-99 FY-00 FY-01 FY-02 FY-96 FY-97 TO FY-01 FY-02 FY-96 FY-97 TO FY-01 FY-02 FY-96 FY-97 TO FY-01 FY-02 FY-97 TO FY-01 FY-02 FY-97 TO FY-97 TO FY-01 FY-02 FY-97 TO FY-01 FY-02 FY-97 TO FY-03 TO FY-01 FY-03 FE (QTR/FY) 2/98 1/99 1/00 1/01 1/02 FE (QTR/FY) 2/98 1/99 1/00 1/01 1/02 1/03	MENT	(15)	1.8									6.4
RP-1100) 15 2.4 NOT ADD DUE TO ROUNDING.) FY-96 FY-97 FY-99 FY-00 FY-01 FY-02 FY-96 FY-97 1/99 1/00 1/01 1/02 FE (QTR/FY) 2/98 1/99 1/00 1/01 1/02 1/03	NONREC											0.0
FY SP SP SP SP SP SP SP S	E ORDERS											
RP-1100												
E TO ROUNDING.) FY-96 FY-97 FY-99 FY-00 FY-01 FY-02 2/97 2/98 1/99 1/00 1/01 1/02 2/98 1/99 1/00 1/01 1/02	RAINER											0.3
E TO ROUNDING.) FY-96 FY-97 FY-99 FY-00 FY-01 FY-02 2/97 2/98 1/99 1/00 1/01 1/02 2/98 1/99 1/00 1/01 1/02	RT-EQUIP											0.4
15 2.4 E TO ROUNDING.) FY-96 FY-97 FY-99 FY-00 FY-01 FY-02								1	1	1	1	1
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 2/97 2/98 1/99 1/00 1/01 1/02	COST (BP-1100)	15	2.4								56	9.4
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01	LS MAY NOT ADD DUE	TO ROUN	DING.)									
2/97 2/98 1/99 1/00 1/01 2/98 1/99 1/00 1/01 1/02		FY-96		FY-98	FY-99	FY-00	FY-01					
2/97 2/98 1/99 1/00 1/01 2/98 1/99 1/00 1/01 1/02				1	1	! ! !						
2/98 1/99 1/00 1/01 1/02	ACT-DATE (QTR/FY)		2/97	2/98	1/99	1/00	1/01	1/02				
	ERY-DATE (OTR/FY)		2/98	1/99	1/00	1/01	1/02	1/03				

PAGE 025-6

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-52 CLASS P

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB MODIFICATION TITLE AND NO: ARC-210 RADIO MN-4222

DATE 02/14/97

DESCRIPTION/JUSTIFICATION: Provides multipurpose radios for B-52H. Greatly improves frequency coverage and electronic countermeasures communications capability and improved flexibility and interoperability with other services, air traffic control centers, and allied forces. Will provide UHF/VHF voice AFSATCOM/maritime/HAVE QUICK capability. This radio is baseline to VINSON (MN# 3308). Demand assigned multiple access (dama) retrofit kits are being procured in FY94-98.

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0 TEAM POWER PE 0101113F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: B-52H

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN												
	ы	PRIOR	LEL.	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY-	FY-00
	•	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		1 1 1 1 1	 	1 1 1 1 1	! ! !		1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!		! ! !	
PROCUREMENT (3010)												
INSTALL KITS	47	1.9							24	2.9		
KIIS NONRECOR	(47)	4.3							(24)	000		
EQUIP NONREC)								1		
CHANGE ORDERS		1.0								0.3		
DATA		0.4								0.2		
SIM/TRAINER	(4)	1.6										
SUPPORT-EQUIP												
DAMA RETROFIT	(31)	3.8	(16)	1.1	1.1 (31)	1.0	1.0 (16)	0.5				
290												
INSTALLATION OF HARDWARE												
FY-92 11 KITS	(11)	0.3										
FY-93 36 KITS	(98)	1.3										
FY-99 24 KITS											(24)	1.5
				1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!	1 1 1 1	1 1 1	1	1	
TOTAL INSTALL OTY/COST	47	1.6						•			24	1,5
	1 1 1	1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1		1 1 1 1 1 1	1	1		
TOTAL COST (BP-1100)	47	14.7		1.1		1.0		0.5	24	5.5		1.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	-	DING.)										
METHOD OF IMPLEMENTATION:	_	INSTALLATION DEPOT/FIELD TEAM	- DEPOT/	FIELD TEAM	i							
	INITIAL	INITIAL LEAD TIME 21 MONTHS	21 MO	NTHS	Ĕ	T NO-MOTTO	EAD TIME	FOLLOW-ON LEAD TIME 15 MONTHS	S			

(CONTINUED)

FACT SHEET: B-52 MN-4222 ARC-210 RADIO PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01 QTY
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
NDING.)
FY-92 FY-93 FY-94
1/93
F1=92 2 3 4 1
_,
FY-97

PAGE 025-8

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: ADVANCED WEAPON INTEGRATION FY 1998 PB

MODELS OF AIRCRAFT AFFECTED: B-52H

TEAM POWER PE 0101113F CENTER: OC-ALC MN-4260

Dispenser (WCMD), the Joint Direct Attack Munition (JDAM), Joint Standoff Weapon (JSOW), and the Joint Air-to-Surface Stand-off Missile (JASSM). The modification includes suspension hardware, cables and operational flight program software updates to provide Stores Management Overlay (SMO) for control and release of the integrated weapons. All 67 shipsets of Stub Pylon/Heavy Stores Adapter Beams will be modified. The program will be accomplished in two phases. Phase I provides the direct attack SMO for WCMD and JDAM. Required assets available (RAA) for Phase I is 3Q/FY98. Phase II provides the stand-off SMO for the JSOW and JASSM. RAA for Phase II is 2Q/FY00. This DESCRIPTION/JUSTIFICATION: Modification integrates near-precision MIL-STD 1760 weapons onto the B-52H to include the Wind Corrected Munition mod requires ICSMS (MN# 3263) and GPS (MN# 3150).

AIRCRAFT BREAKDOWN: Active -- 66 RES -- 0 ANG -- 0

and environmental testing of the JDAM. Safe separation testing for JDAM completed Apr 96. Ground/flight testing for direct attack SMO scheduled to begin 2QFY97 with the installation of hardware. Ground/flight testing for JSOW/JASSM is scheduled to begin in 4Q/FY98. RDf&E funding is for software development and integration for the weapons programs (WCMD, JDAM, JASSM and JSOW) and does not impact hardware procurement or installation. Development funding supplemented from WCMD, JDAM and JASSM weapon programs. DEVELOPMENT STATUS: Supporting EMD for the WCMD, JDAM, JSOW, and JASSM to include interface definition, SMO development, DT&E planning

PROJECTED FINANCIAL PLAN												
	ā	PRIOR	FY-96	96	FY-97	.97	FY	FY-98	FY-	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	!!!!!!	1 1 1 1 1	1 1 1 1	1 1 1 1 1	1 1 1	1 1 1 1 1	1 1 1	1 1 1 1 1 1 1	1	1	1 1 1	4111111
RDT&E (3600)				3.5				2.5		3.8		
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUI PMENT					20	2.3	31	3.4	15	1.6		
EQUIP NONREC												
CHANGE ORDERS												
DATA						6.0		1.6		1.5		
SIM/TRAINER						0.5		0.5		1.3		
SUPPORT-EQUIP												
SOFTWARE						0.3		1.0		0.5		
250						0.2		0.2		0.2		
	1 1 1								1	1 1 1 1 1 1 1	-	
TOTAL COST (BP-1100)					20	4.2	31	9.9	15	5.1		
(TOTALS MAY NOT ADD DUE TO ROU	TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	N: INS.	TALLATION	ORG/INTE	RMEDIATE								

FOLLOW-ON LEAD TIME -- 9 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

FACT SHEET: B-52 MN- PROJECTED FINANCIAL PLAN	426		SD WEAPOI	ADVANCED WEAPON INTEGRATION INUED)	VTION			(CONTINUED)	NUED)	
	FY-01	01	_	FY-02		FY-03	TO COMP	OMP	TOTAL	AL
	QTY	AMT	QTY	AMT	r orr	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUI PMENT									99	7.3
EQUIP NONREC										
CHANGE ORDERS										
DATA										4.0
SIM/TRAINER										2.3
SUPPORT-EQUIP										
SOFTWARE										1.8
250										0.5
	1	1 1 1 1	1				!!!!!	1		1 1 1 1
TOTAL COST (BP-1100)									99	15.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	E TO ROUND	ING.)								
MILESTONES										
	FY-95	FY-96	FY-97	FY-98	FY-99					
		1		1 1 1						
CONTRACT-DATE (QTR/FY)			2/97	1/98	1/99					
DELIVERY-DATE (QTR/FY)			2/98	4/98	4/99					

PAGE 025-10

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MN-4270 MODIFICATION TITLE AND NO: ECM IMPROVEMENT

DATE 02/14/97

CLC B-52

MODELS OF AIRCRAFT AFFECTED: B-52H

TEAM POWER PE 0101113F DESCRIPTION/JUSTIFICATION: The ALQ-172 enhancement is an improvement to two of the common core Line Replaceable Units (LRUs). New circuit cards with eraseable proms and gate array modules are incorporated. Memory is increased approximately 400% and Mean-Time-Between-Failure (MTBF) is increased. This upgrade adds a third system to correct an ECM coverage gap identified during Desert Storm Operations.

CENTER: OC-ALC

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Group B System development complete. Group A development with be accomplished in FY97.

PROJECTED FINANCIAL PLAN

AMT FY-00 ΟŢΥ AMT FY-99 QTY AMT FY-98 QTY 4.9 AMT FY-97 OTY AMT FY-96 QTY AMT PRIOR OTY

0 5 PROCUREMENT (3010) KITS NONRECUR EQUIPMENT CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS RDT&E (3600) EQUIP NONREC SIM/TRAINER

16.8

21)

15.2

19)

1.7 2.3 0.9

7

2.3

3.7

(19)

0.5

5

0.5

5.9

21

5.7

19

9.0

INSTALLATION OF HARDWARE FY-98 FY-99

KITS KITS KITS KITS FY-00 FY-01 FY-02 FY-03

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION INITIAL LEAD TIME -- 12 MONTHS (TOTALS MAY NOT ADD DUE TO ROUNDING.)

FOLLOW-ON LEAD TIME -- 12 MONTHS

31,3

21

21.9

4.7

3,7

19

0.5

*** UNCLASSIFIED *** PAGE 025-11

*** UNCLASSIFIED ***

IMPROVEMENT	6
270 ECM 1	(CONTINUED)
MN-4270	PLAN
B-52	FINANCIAL
FACT SHEET:	PROJECTED B

(CONTINUED)

	E !		20.8	56.9		6.7	5.3	10.0	3.7	ı	U	3.7	2.3	3.1	0.2	14.0	-	117.3					4 4	· rv				
TOTAL	AMT		8	ß				_								1		11				FY-00	2 2 3					
	OTY		71							ä	(7)	19)	12)	16)	1	7.1		71				FY	~ •	,				
	· }									٠					0.2 (0.2	! !	0.2					₽			4		
МР	AMT														0	0		0		FY-04		•	3		-	М		
TO COMP	OTY 														1)	! -	!			FY-03		FY-99	8	2	FY-04	2	•	-
	S ¦														~	į	i						7	1		-	н .	4
	AMT		0.4	0.0		1.6			0.7					3.1		3.1		6.8		FY-02	1/02		3 4			3 4	4	4
FY-03	į													_						FY-01	1/01 1/02	FY-98	7		FY-03	7	4	4
	OTY		, .	1)										(16)		16		``				E	н		Ē		4	ო
	AMT		4.7	12.8		0.4			0.7				2.3) - 		2.3	-	20.9		FY-00	1/00		4			4	m i	m
FY-02	Z															i ! !	1	•		FY-99	1/99	,	e		~:	ю	m (က
	QTY		16	16)									121	ì		12	1	16		m 1		FY-97	2		FY-02	7	m (က
	;		3.4	9.6		7.	0	0	80.			-	4	•		' ! 편	1	5.		FY-9	1/98 1/99					1	m '	9
	AMT		Ŕ	6		0	m	10.0	o			_	ř			4.1		31.5	NG.)	FY-97			4			4	9	2
FY-01	ا _ !		12	(2			1)	(2				=	3			21	!	12	(ONNO)	FY-96		FY-96	en 01		FY-01	2 3		
	QTY			(12)			_	(12)				, 211	-				į		TO	FY-9(FY-			FΥ·	.,	٠,	•
										HARDWARE	TIS	ខ្មី	0 E	TIS	LITS	//cost		(001	ADD DUE TO ROUNDING.)		(QTR/FY) (QTR/FY)	SDULE:			SDULE:			•
		_	3010) S	¥.	C RS			IP		OF HA	ж, ,	KITS			,X,	LL OT)	ì	(BP-11				N SCHE	QUARTERS	OUTPUT	N SCHE	TERS	INPUT	OUTPUT
		(3600	TENT (ENT FENT	NONRE ORDE		WINER	T-EQU		MILON	7 .	19	12	16	1	INSTA		COST	S MAY		ACT-DA	LATIO	QUAR	7 B	LATIO	QUARTERS	Η	DO
		RDT&E (3600)	PROCUREMENT (3010 INSTALL KITS	KITS NONKECUK EQUIPMENT	EQUIP NONREC CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	250	INSTALLATION OF	FY-98	EY-99	FY-01	FY-02	FY-03	TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100)	(TOTALS MAY NOT MILESTONES		CONTRACT-DATE DELIVERY-DATE	INSTALLATION SCHEDULE:			INSTALLATION SCHEDULE:			
			ā							Ħ																		

PAGE 025-12
*** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MN-4371 MODIFICATION TITLE AND NO: GPS TACAN FY 1998 PB

CLC B-52

TEAM POWER

PE 0101113F

CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: B-52H

DESCRIPTION/JUSTIFICATION: GPS TACAN Replacement System (TRS) includes the installation of controls and displays at the pilot and copilot stations and installation of a Signal Data Converter (SDC) to interface with the current on board GPS system. TRS incorporates the redesign of the GPS Group B Interface Unit (IU) in support of the 19 additional aircraft directed for GPS integration. The current IU has become unsupportable due to obsolete parts. The new Interface Unit will provide TACAN Emulation, AGM-142 capability, and support the current efforts of the Advance Weapons Integration Program (AMP), and the Wind Corrected Munitions Dispenser (WCMD). This capability will be extended to the additional 19 aircraft and includes retrofit of the current (47) GPS capable aircraft.

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: RDIGE was completed Dec/96.

PROJE

PROJECTED FINANCIAL PLAN												
	品	PRIOR	FY-96	96	FY-97	.97	ΕŸ	FY-98	FY	FY-99	FY-00	00-
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				8.8			! ! ! !		! ! !	1 	 	1 1 1 1 1 1 1
PROCUREMENT (3010)												
INSTALL KITS							33	2.7	32	2.5	5	0.2
KITS NONRECUR					н	3.0						
EQUI PMENT							(33)	8.0	(32)	7.9	(2)	1.2
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER										2.0		
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS							(1)	0.8				
FY-98 33 KITS									(33)	3.2		
FY-99 32 KITS											(32)	3.0
FY-00 5 KITS											(2)	0.3
		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1	1 1 1	1	1	1		1 1 1 1 1 1 1	1	
TOTAL INSTALL QTY/COST							-1	0.8	33	3.2	37	3.3
							1 1 1		1	1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
TOTAL COST (BP-1100)					1	3.0	33	11.5	32	15.6	S	4.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)		SOUNDING.)										
neinou or inchembarioitoi	N: INST	N: INSTALLATION DEFOI	- 9 MONTH	S	FO	TTOM-ON TE	AD TIME -	FOLLOW-ON LEAD TIME 6 MONTHS				

			401		0	80	~ ~	o m	l m				4 10 9	
	AMT		5.4 3.0 17.1		2.0	0.8	3.2	0.3	7.3	34.7			ოთი	
	TOTAL												FY-00 2 9	
<u> </u>	TC QTY		10			1)	33)	5)	71	7.1			E 68	
(CONTINUED)	õ					_	_ ~		İ	į				
CONT	된								!				488	
~	MP AMT												m w w	
	TO COMP	1								' 1			FY-99 2 8 9	
	OTY								 	1 			6	
		!											Þ	
	AMT								! ! !	 			3	
	FY-03								į	į	01	!	86	
	F	s 1									FY-01		FY-98 2 1	
	a	i							i	ł	FY-00	1/00		
	AMT	<u> </u>								 	FY	1/00	4	
									# 	 	FY-99	1/99	м	
	FY-02	ı									FY	1 7 7	FY-97 2	
	QTY									 	FY-98	1/98	. EY	
GPS TACAN INUED)		!							!	!	FY	1 7 7	.	
1 GPS T (CONTINUED)	AMT								1	3.)	FY-97	3/97	4	4
ONTINC	FY-01	į							İ	NDIN		ાં જે જે	e	m
371 (C	F. QTY	i ! ! !							1	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	FY-96		FY-96 2	FY-01 2
MN-4371	ø	:				ta.				JE 73	Į.	•	H	1 0
AL PI						HARDWARE KITS	so c	ທູເທ	/cos	00) DD DI		R/FY) R/FY)	DULE	DULE
B-52 ANCI			10)			HARDV	KITS	KITS	QTY	P-11		(Q)	SCHE RS UT	SCHE RS UT UT
T: FIN		(00	(30 ITS ECUR	REC DERS	ER QUIP	N OF	33	32	TALL	T (B	ũ	DATE	ATION SCH QUARTERS INPUT OUTPUT	ATION SCE QUARTERS INPUT OUTPUT
SHEE		(36	MENT LL K NONR	NON SE OR	'RAIN RT-E	ATIO			INS	COS VITE M		tact-	ALLAT QU	ALLAT QU
FACT SHEET: B-52 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS	DAIA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF FY-97 1	FY-98	FY-99 FY-00	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD	3177	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
_ ==			PR			NI	'	- -	•		-			

PAGE 025-14

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: HIGH RELIABILITY BATTERY MN-49203B FY 1998 PB

APPROPRIATION: AIRCRAET PROCUREMENT, AIR FORCE CLC B-52 CLASS P

DESCRIPTION/JUSTIFICATION: Low reliability and poor maintainability of the current battery system makes replacement necessary. Mod procures high reliability, maintenance free battery, aircraft battery chargers, and rotor support power adapters. Kit procurement/aircraft quantities do not match due to changes in force structure.

AIRCRAFT BREAKDOWN: Active -- 95 RES -- 0 ANG -- 0 TEAM POWER PE 0101113F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: B-52H

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN												;
	PR	PRIOR	ĒΫ.	FY-96	FY	FY-97	ΕΥ	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	! !	 	<u> </u>	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	! ! !	i 	t t		 		 	
PROCUREMENT (3010)												
INSTALL KITS	94	0.8										
KITS NONRECUR	7	9.0										
EQUI PMENT (94)	4.5										
EQUIP NONREC (1)	1.0										
CHANGE ORDERS		0.2		1.1								
DATA		9.0		0.2								
SIM/TRAINER												
SUPPORT-EQUIP		1.2										
290												
INSTALLATION OF HARDWARE												
FY-91 34 KITS (34)	0.2										
61	61)	0.4										
				;	!!!!!	1	1	1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	
TOTAL INSTALL QTY/COST	92	9.0										
					1 1	1			1	1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)	92	9.5		1.3								
(TOTALS MAY NOT ADD DUE TO METHOD OF IMPLEMENTATION:	0	ROUNDING.) INSTALLATION DEPOT/FIELD TEAM	DEPOT/F]	ELD TEAM								
IN	NITIAL	INITIAL LEAD TIME 24 MONTHS	- 24 MONT	SHS	Ē	OTTOM-ON TH	SAD TIME	FOLLOW-ON LEAD TIME 24 MONTHS	S			

*** UNCLASSIFIED *** PAGE 025-15

BATTERY	
RELIABILITY	
HIGH	TINUED)
V-49203B	(CO)
Σ	PLAN
: B-52	FINANCIAL
SHEET:	OJECTED
FACT	PROJE

(CONTINUED)

	FY. QTY	FY-01 AMT		FY QTY	FY-02 AMT			FY-03 AMT	E	TO (TO COMP	QTY	TOTAL	AMT	
RDT&E (3600)			!			; !	!	1	!	! ! !	! : : : : : : :	 	 		
10106/ Mushamanio															
TNSTALL KITS												94	=	0.8	
KITS NONRECUR												•	1	9.0	
EQUIPMENT														4.5	
EQUIP NONREC														1.0	_
CHANGE ORDERS														1.3	
DATA														0.8	
SIM/TRAINER SHPPORT-FOHTP														1.2	
290														0.0	
STALLATION OF HARDWARE												(34)	_	0.2	
61												(61)		0.4	
TSON/ VACO . LIBERAL . ISBOT	.	!	† †				!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1		95		0.6	
TOTAL TRAINING TOTAL	!	1		1	1		1	1	-	1	1				
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	DING.)										95	'n	10.8	_
	FY-91	FY-92	ш		FY-94	FY-95	FY-96		FY-97	FY-98					
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	3/92	3/92	1		! ! !	!		•	! ! !	; ; ; ;					
INSTALLATION SCHEDIILE.	FY-91			FY-92			FY	<u>ლ</u>		FY-94	34		FY-95	_	
QUARTERS 1 INPUT OUTPUT	2	8 4	7	8	m	4	2	m !	4	1 2	е - г	4 4	1 6	പ ജ പ	4 15
INSTALLATION SCHEDULE:	FY-96			FY-97			FY-98	86							
QUARTERS 1	2	3	-	2	က	4	2	ო	4						
INPUT 4	~	٣	7	9	11	10	6	4							
OUTPUT 9	6	3 2	2	9	10	12	10	4							

PAGE 025-16
*** UNCLASSIFIED ***

*---

.

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P.40)				DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATIONIBUDGET ACTIVITY AIRCRAFT PROCUREMENT AFIAIRCRAFT MODIFICATIONS	LAFT MODIFICATION	SP	P-1 ITEM NOMENCLATURE: F-117	LATURE: F-117			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$46.271	\$29.209	\$28.296	\$29.326	\$30.212	\$33.122	\$30.895	\$23.657

This line item funds modifications to the F-117A aircraft. The F-117A is a twin engine, single seat fighter incorporating low-observable "steatth" technology, enabling it to penetrate enemy air defenses and strike high-value targets with precision munitions. The overall goal of the modifications budgeted in FY98 is to enhance operational capabilities while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

TOTAL	PROG.	6.0		10.5	25.8	4.8	17.7	19.5	50.1	0.4	1.3	2.6	3.7	4.8	2.4	5.2	1.0	24.4	73.6	4.8	1.8	22.0	4.9	8.2	!	1
COST	TO GO E																	3.8	4.5						8.3	8.3
FY-03		1.0	1.0				4.7											5.1	12.5	0.1		0.3			22.7	23.7
FY-02							5.2											5.1	16.0	0.8	0.2	3.6			30.9	30.9
FY-01							5.4							1.6				5.2	16.0	1.0	0.3	3.6			33.1	33.1
FY-00					0.1		2.4		9.0		0.2			1.2	0.4			5.0	16.0	1.0	0.2	1.7		1.4	30.2	30.2
FY-99		2.7	2.7		0.1				7.4		0.1			1.1	1.0			0.2	9.8	1.0	1.1	4.5		1.8	26.6	29.3
FY-98		0.8	0.8	0.3	4.0			0.3	15.3		0.2	0.2	0.4	0.9	6.0	0.1				6.0		3.1	6.0		27.5	28.3
FY-97			· .	2.0	3.7			5.1	15.1		0.3	0.7	0.3		0.4	6.0	0.1					0.5		0.2	29.2	29.5
FY-96		1.1	1.1	8.2	3.5	1.1		7.0	11.7	0.4	0.5	9.0	0.3			1.2	0.1					4.7	4.0	1.9	45.2	46.3
	MODIFICATION TITLE	LOW COST SAFETY MODIFICATIONS	CLASS P-S TOTAL FOR F-117	PLATY BRICK/BLOCK REPLACEMENT	AP-102 COMPUTER MEMORY EXPANSI	LONGTERM MDPS UPGRADE TO AFMSS	STORES MANAGEMENT PROCESSOR UP	HIGH TEMPERATURE EDGES	NAVSTAR GLOBAL POSITIONING SYS	20D15 EXAUST AREA PROTECTION	STEEL COMPRESSOR CASE	PARKING BRAKE SWITCH	2000 HOUR COATING	HI-PRESSURE TURBINE COOLING PL	OMNIBUS ENGINE MODIFICATIONS	ICING DETECTION AND PROTECTION	CREW EMERGENCY ESCAPE SYSTEM	REPLACE LIFE-LIMITED SKIN PANE	SINGLE CONFIGURATION FLEET	OZONE DEPLETING CHEMICAL REPLA	ENGINE ELECTRONIC CONTROL ASSE	SERVICE BULLETINS	LOW COST RETROFIT MODS	LOW COST MODIFICATIONS	CLASS P TOTAL FOR F-117	7
MOD	NR	99999A	ט	11324	11326	11330	11331	11332	3150	31901	31904	31907	31913	31922	31927	31929	31934	31936	31937	31942	31968	866666	D66666	X66666	IJ	TOTAL FOR F-117
	CLASS	P-S		۵ı																						TOTA

Totals may not add due to rounding.

P-1 SHOPP LIST PAGE NO. ITEM NO. 026	G	INCLASSIFI		
DPP LIST PAGE NO.			M NO.	
	61	ш.	ddC	

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-117 CLASS P

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

DATE 02/14/97

DESCRIPTION/JUSTIFICATION: Funds installation of kits procured in BP3010/BP1900. FY92-95 BP1900 funding shown for information only. The current platy exhaust area is a high maintenance area requiring frequent repacking of the space between the ceramic bricks/blocks.

Although the material is an excellent insulator, the heat that gets through causes long term damage to the underlying composite structure. TEAM POWER PE 0207141F CENTER: SM-ALC MODIFICATION TITLE AND NO: PLATY BRICK/BLOCK REPLACEMENT MN-11324 MODELS OF AIRCRAFT AFFECTED: F-117A

This is a depot driver modification for FY95-96. AIRCRAFT BREAKDOWN: Active -- 55 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. No RDT&E required.

PROJECTED FINANCIAL PLAN							i	;	i	į	i	6
		PRIOR	FY-	FY-96	FY-97	-97	FY-98			FY-99		FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1	1 1 1	1	1 1 1 1 1 1	1	1	1 1 1	1	1 1	1 1 1 1 1	1	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	55	6.5										
KITS NONRECUR ((1)	1.1										
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER				0.5								
SUPPORT-EQUIP												
DEPOT PROCESS		3.2		3.2								
FLIGHT TEST				2.6								
BP19 FUNDED		-12.4										
INSTALLATION OF HARDWARE						•						
_	(14)	1.4	(19)	1.9	(02)	2.0	(2)	0.3				
	1	1 1 1 1 1 1	1	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 - - - -	1
TOTAL INSTALL QTY/COST	14	1.4	19	1.9	20	2.0	2	0.3				
	1 1	1	1 1		-			1 0	1 1		1	1
TOTAL COST (BP-1100)	22			8.2		2.0		r.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.	ш, г	UNDING.)	5									
METHOD OF IMPLEMENTATION:	_	NSTALLATION CLS	cES									

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED *** PAGE 026-1

	TOTAL	AMT			1.1		0.2	0.5	6.4	2.6	-12.4	5.6		5.6	10.5				FY-96	5 4 4	5 5 4			
(UED)		OTY		U	cc							(92)	!!!	55	55					S	m			
(CONTINUED)		_											!		<u> </u>				-	4.60	m			
٤	JMP	AMT																	.0	m m 1	m			
	TO COMP	!											!		}				FY-95	N W .	4			
		OTY													!				•	4				
		AMT											!		!		FY-98		•	7 7				
	FY-03	¥ !											1		!					n				
Ħ		OTY													! !		FY-97		FY-94	73				
PLATY BRICK/BLOCK REPLACEMENT NED)		٠,											!				FY-96		•	⊣				
REPLA		AMT																	•	4			4	
вгоск	FY-02	İ											į		ļ		FY-95			.n			m	
RICK/		OTY											1		!		FY-94		FY-93	N		FY-98	2	7
ATY BI		!															ΕΫ́		•	-			 1 (2 2
(CONTINUED)		AMT											-		(UN	;	FY-93		•	4			4. r	വ
324 (CONT	FY-01	,											1		i dang			~ m		m				ია
7		OTY											-				FY-92	4/92	FY-92	N		FY-97	2 1	വ
FACT SHEET: F-117 MN-PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS KITS NONRECUR FOULDMENT	EQUIP NONREC	CHANGE ORDERS DATA	SIM/TRAINER	SUFFORT - EQUIF	FLIGHT TEST	BP19 FUNDED	FY-92 55 KITS		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100)	MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS	OUTPUT	INSTALLATION SCHEDULE:		INPUT 5 OUTPUT 5

OF AIRCRAFT MODIFICATION

DATE 02/14/97 FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

TEAM POWER CLASS P PE 0207141F CLC F-117 CENTER: SM-ALC MODIFICATION TITLE AND NO: AP-102 COMPUTER MEMORY EXPANSION MN-11326 MODELS OF AIRCRAFT AFFECTED: F-117A

DESCRIPTION/JUSTIFICATION: The navigation and weapon computers have less than four percent spare memory after the release of OFP-55 (AUG 93).

Until available memory is increased, corrections and/or improvements to the system requiring additional OFP software cannot be made.

There are no Group A kits and three Group B kits per aircraft. This modification is fully integrated with the BP3010/BP1900 funded ring laser gyro navigation improvement program plus global positioning system (RNIP+). Procurement, delivery, and installation schedules are aligned with RNIP+ schedules. Items are currently in production and are readily available.

AIRCRAFT BREAKDOWN: Active -- 55 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete (no RDT&E associated with this modification).

PROJECTED FINANCIAL PLAN		PRIOR	FY-96		FY-97			FY-98	FY-99		FY-00	
	OTY	AMT	OTY	AMT	OTY 	AMT	OTY	AMT	OTY	AMT	OTY 	AMT
RDT&E (3600)												
PROCUREMENT (3010) INSTALL KITS												
EQUIPMENT	15	1.0	57	2.8	51	2.6	33	1.9				
EQUIP NONREC	6	3.2										
CHANGE ORDERS												
DATA		1.1										
SIM/TRAINER		5.0										
SUPPORT-EQUIP		3.9		0.3				0.2				
SPARES	(6	0.2	(7)	0.4	(11)	0.9	(35)	1.7				
INSTALLATION OF HARDWARE												
FY-93 9 KITS	(6)											
FY-95 15 KITS					(15)	0.1						
FY-96 57 KITS					(42)	0.1	(15)	0.1				
FY-97 51 KITS							(42)	0.1	(6)			
FY-98 33 KITS									(27)	0.1	(9)	0.1
TOTAL INSTALL OTY/COST	6	# # # ! !			57	0.2	57	0.2	36	!	9	0.1
TOTAL COST (BP-1100)	24	14.4	57	3.5	51	3.7	33	4.0	1 ! ! !	0.1	! ! !	0.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.	щ.	ROUNDING.)	٠ د د									
	INITIAL	INITIAL LEAD TIME 18 MONTHS	18 MONT	HS	F	OLLOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 14 MONTHS	S			

*** UNCLASSIFIED *** PAGE 026-3

		AMT			3.2	1.1	5.0	4.6	!	0.0	0.1	0.2	0.2		9.0	25.8				3 4 12 15 15 12	
	TOTAL	OTY			156 9					6	15)	57)	31)	1	165	165				FY-97 1 2 15 15 15	
		AMT								~	_	<u> </u>		1						4	
	TO COMP	OTY F												1 1 1 1 1 1 1				FY-00		FY-96	
		AMT																FY-99		6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	S 9
	FY-03	OTY																FY-98	1/98	FY-95 2 3	FY-00 2 9
		AMT																FY-97	1/97	4 3 11	. 400
	FY-02	ł												-	1			FY-96	1/96 2/97	FY-94 2 3	FY-99 2 3 9 9
_		OTY												-				FY-95	4/95	1 FI	1 9 15
(CONTINUED)	FY-01	AMT												1			NDING.)	FY-94		E A	3 4 15 15 12 15
		QTY												1	1		E TO ROU	FY-93	3/93	FY-93	FY-98 1 2 5 12 5 15
PROJECTED FINANCIAL PLAN			(00	(3010) FTS SCUR	SEC SEC	UENO	SR	3107	INSTALLATION OF HARDWARE			57 KITS			TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.) ILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 15 OUTPUT 15
PROJECTED			RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIPMENT	DATA	SIM/TRAINER	SPARES	INSTALLATION			FY-96			TOTAL INS	TOTAL COST	(TOTALS MA)		CONTRACT-I DELIVERY-I	Installati Que	INSTALLATI QUE O

PAGE 026-4 *** UNCLASSIFIED ***

FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

TEAM POWER

PE 0207141F

EXHIBIT P3A CONGRESSIONAL

CLC F-117 MN-11332 MODIFICATION TITLE AND NO: HIGH TEMPERATURE EDGES

AIRCRAFT BREAKDOWN: Active -- 54 RES -- 0 ANG -- 0

DESCRIPTION/JUSTIFICATION: The aircraft edges outboard and aft of the exhaust nozzle are subject to scorching and/or burning from hot gases. Two aircraft sustained fires when gases leaked through the support structure and insulation materials and ignited the edge panels.

CENTER: SM-ALC

MODELS OF AIRCRAFT AFFECTED: F-117A

DEVELOPMENT STATUS: Complete.

AMT FY-00 OTY AMT FY-99 OTY AMT FY-98 QTY AMT FY-97 2 QTY AMT FY-96 OTY 6.4 AMT PRIOR 25 PROJECTED FINANCIAL PLAN PROCUREMENT (3010) RDT&E (3600)

0.3 0.9 (11) 8.0 8 3 3 0.1 1) INSTALLATION OF HARDWARE KITS KITS KITS KITS EQUIPMENT EQUIP NONREC CHANGE ORDERS INSTALL KITS KITS NONRECUR SIM/TRAINER SUPPORT-EQUIP 9 19 15 FY-94 FY-95 FY-96 FY-97 FY-93

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS TOTAL COST (BP-1100) 25 (TOTALS MAY NOT ADD DUE TO ROUNDING.)

7.1 0.7

14

TOTAL INSTALL OTY/COST

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

0.3 0.3

2.1

19

2.0

19 19

*** UNCLASSIFIED *** PAGE 026-5

	AMT	 	14.4 0.0		0.1	0.8	1.0	2.0	1.2	5.1	19.5				6 4 4 4 5 5 4	
ED)	TOTAL QTY		54		1)	15)	6	19)	10)		54			FY-97	1 2 2 3 6	
(CONTINUED)	_				_	~	_		_ '	i	i				4 N N	
NOO)	IP AMT														ю 4 4	
	TO COMP	•												FY-96	0 22	
	QTY													_	1 2 4	
	AMT	!													464	
															m m 0	
	FY-03 QTY	! !										FY-98	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FY-95	2 E 4	
	à											FY-97	1/97		4	
DGES	AMT								1				1 7 4		₹	
TURE E	FY-02											FY-96	1/96		1 3	
HIGH TEMPERATURE EDGES)ED}									1			FY-95	1/95 4/95	FY-94	1 2	
GH TE		!								!	 	F	1 7 4		1	
TINC	FY-01 AMT								1		ING.)	FY-94	2/94		ع 4	3
V-11	FY- OTY								1		TO ROUND	FY-93	2/93 2/94	FY-93	2	FY-98 2 2
FACT SHEET: F-117 MPPROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	1	15	6	19	FY-97 10 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILEGYONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 2 OUTPUT 4

PAGE 026-6

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P TEAM POWER

PE 0207141F

CENTER: SM-ALC MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 MODELS OF AIRCRAFT AFFECTED: F-117A

CLC F-117

DESCRIPTION/JUSTIFICATION: Funds the continuation of efforts initiated in 3010/BP1900. FY92-95 BP1900 funding is shown for information only.

GPS provides world-wide three dimentional positioning/navigation. GPS has three segments; user equipment, satellites and control network.

Satellites broadcast high-accuracy data signals which are received by user equipment and used to compute platform positioning/velocity and provide steering vectors to target locations. Control segment daily updates the navigation messages broadcast from the satellites.

GPS is a driver modification in FY97-99 and the depot induction processing charges are funded by this modification in FY97-99.

AIRCRAFT BREAKDOWN: Active -- 55 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. FY95/96 flight test supports cleanup phase on software. No risk is associated with the hardware procurement.

PROJECTED FINANCIAL PLAN	PRIOR	œ	FY-96	96	FY-	FY-97	FY-98	86	FY-99	66	FY-00	00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT
RDT&E (3600)	!	48.8										
PROCUREMENT (3010)												
INSTALL KITS	19	0.6	19	7.0	6	3.4	S	1.9				
KITS NONRECUR	ю	25.4										
EQUI PMENT ((19)	2.4	(19)	1.5	(6)	0.8	(2)	0.4				
EQUIP NONREC	(2)	6.0										
CHANGE ORDERS												
DATA		3.4		1.5								
SIM/TRAINER												
SUPPORT-EQUIP		0.4		1.7				2.1				
DEPOT PROCESS						6.5		6.5		4.5		
FLIGHT TEST		9.5										
BP1900 FUNDS		-56.1										
MOD OF SPARES						0.3		0.3		0.2		0.1
INSTALLATION OF HARDWARE												
FY-94 2 KITS ((2)											
FY-95 20 KITS ((1)				(19)	4.1						
FY-96 19 KITS							(19)	4.1				
FY-97 9 KITS									(6)	2.7		
FY-98 5 KITS											(2)	0.5
TOTAL INSTALL QTY/COST					19	4.1	19	4.1	6	2.7		0.5
TOTAL COST (BP-1100)	22		19	11.7	6	15.1	S	15.3		7.4		9.0
(TOTALS MAY NOT ADD DUE TO METHOD OF IMPLEMENTATION:	TO ROUNDING.)	ROUNDING.) INSTALLATION CLS	CLS 19 MONE	g	ជ	POLICE ON IERO TIME 19 MONTHS	ATWE	18 MONTE	<u>v</u>			
,	INITIAL LEAD TIME 18 MONIES	AU LIME	TO MONTH	Z E	4	Julion-Tour	יייייי ואייי	1111011011	2			

*** UNCLASSIFIED ***

PAGE 026-7

	TOTAL	 	52 21.3 3 25.4 5.1 6.0	4.9 4.2 17.5 9.5 -56.1	2) 0.0 (0) 4.1 (9) 4.1 9) 2.7 5) 0.5		N
(CONTINUED)	QTY	i i i	u,		(20) (20) (19) (9) (5)	, , , , , , , , , , , , , , , , , , ,	4
(CONT	TO COMP	 				FY-	FY-00 3 4
	TO				! ! !	FY-99	1 1 EY
)3 AMT	 				FY-98 2/98 4/99	ra nn
STEM	FY-03 QTY	! ! !			!	EY-97 2/97 4/98 EY-94	2 FY-99 2 .
IING SY	ā	! !			!	FY-96 2/96 4/97	⊣ ⊣ €
NAVSTAR GLOBAL POSITIONING SYSTEM HUED)	FY-02 AMT					Y-95 /95 /96	. E. 24. 72. 24. 74. 74. 74. 74. 74. 74. 74. 74. 74. 7
ar globai	>-	 			1	EY-94 F	1 2 FY-98 5 4
50 NAVST (CONTINUED)	11 AMT					NG.) FY-93 1/93 3/94	ਕ 4ਾਨ
1-31	FY-01 QTY					TO ROUNDI FY-92	FY-97 2 3 4 5
FACT SHEET: F-117 MN PROJECTED FINANCIAL PLAN		RDI&E (3600)	INSTALL KITS INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP DEPOT PROCESS FLIGHT TEST BP1900 FUNDS MOD OF SPARES INSTALLATION OF HARDWARE	FY-94 2 KITS FY-95 20 KITS FY-96 19 KITS FY-97 9 KITS FY-98 5 KITS TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-92 FY-9 CONTRACT-DATE (QTR/FY) 1/93 DELIVERY-DATE (QTR/FY) 3/94 INSTALLATION SCHEDULE: FY-92	QUANTERS 1 INPUT OUTPUT OUTPUT QUARTERS 1 INPUT 5

PAGE 026-8

OF AIRCRAFT FY 1998 PROGRAM MODIFICATION

02/14/97

DATE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

CLASS P CLC F-117

MODIFICATION TITLE AND NO: REPLACE LIFE-LIMITED SKIN PANELS AND WEB MN-31936 FY 1998 PB

DESCRIPTION/JUSTIFICATION: Several skin panels have been analytically determined to have a life less than the service life of the aircraft. TEAM POWER PE 0207141F CENTER: SM-ALC MODELS OF AIRCRAFT AFFECTED: F-117A

The current mission mix has not evidenced sonic fatique levels, except on the stub fin forward panel. Program rescoped. This is a depot driver modification in FY 01-04 and the depot processing costs are funded by this modification. AIRCRAFT BREAKDOWN: Active -- 46 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: ACI completed FY95. Accoustical analysis complete. Based upon experience, installation of a later production panel for the stub fin will solve the accoutic problem. No development is required. A/C 837-843 have later production panels. SPO has 16 right and 16 left panels on hand for retrofit.

4.5 0.5 0.5 5.0 AMT FY-00 12 6 12 QTY 0.2 0.5 AMT FY-99 σ QTY AMT FY-98 QŢŸ AMT FY-97 QTY AMT FY-96 QTY METHOD OF IMPLEMENTATION: INSTALLATION -- CLS AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) KITS KITS KITS KITS PROCUREMENT (3010) EQUIP NONREC CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP DEPOT PROCESS INSTALL KITS RDT&E (3600) 6 12 SIM/TRAINER EQUI PMENT FY-01 FY-02 FY-03 FY-00 FY-99

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED *** PAGE 026-9

FACT SHEET: F-117 MN PROJECTED FINANCIAL PLAN	1-31	TING	ACE LI	FE-LIMIT	ED SKIN	REPLACE LIFE-LIMITED SKIN PANELS AND WEB IED)	ID WEB		(00)	(CONTINUED)	_	
	E	FY-01		FY-02		FY-03	3	TO	TO COMP		TOTAL	
	QTY	AMT	OTY	-	AMT	QTY -	AMT	QTY	AMT	OTY	ļ	AMT
RDT&E (3600)												
COUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	12		.,	12		1				4	46	0.0
DATA SIM/TRAINER SUPPORT-EQUIP												0.2
DEPOT PROCESS STALLATION OF HARDWARE FY-99 9 KITS		4.5			4.4		4.4		3.7	~	(6	21.5
12	(12)	0.7	(12)	a	7.0					(12)	12)	0.7
12 1						12)	0.7	(1)	0.1		1)	0.7
TOTAL INSTALL QTY/COST	12	0.7	į	12	0.7	12	0.7	1	0.1	i i	46	2.7
TOTAL COST (BP-1100) (TOTALS MAX NOT ADD DUE MILESTONES	12 TO ROUNDING.) FY-96 FY-9	5.2 DING.) FY-97	FY-98	12 12 FY-99	!		5.1 FY-02	FY-03	3.8 FY-04		46	24.4
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)			6 6 6	2/99	1/00	1/01	1/02	1/03	1/04			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2	ى 4	E E	FY-97 2 3	4	FY~98	र प	FY – 3	FY-99 2 3	4 T	FY-00 2 3	и и и 4 и и
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 3	FY-01 2 3 3	9 9 9 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		FY-02 2 3 3 3	4 6 6	FY-03 1 2 3 3	ოოო 4•ოო	FY-04 1 2 1 3 1	-04 2 3 1	47		

02/14/97 DATE

FY 1998 PROGRAM MODIFICATION

OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: SINGLE CONFIGURATION FLEET FY 1998 PB

CENTER: SM-ALC

PE 0207141F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE TEAM POWER CLASS P CLC F-117 MN-31937 MODELS OF AIRCRAFT AFFECTED: F-117A

configuration will be accomplished by integrating the Radar Absorbing Material Recoating program (MN-31937), Technology Item Use Reduction program (MN-31943) and the Low Frequency Leading Edges program (MN-11335) into one effort. This effort will greatly reduce maintenance requirements, increase aircraft availability, and improve Radar Cross Section performance. This program is aligned with the Life Limited Skins Program (MN-31936). This modification use to be named the Radar Absorbing Material Recoating.

AIRCRAFT BREAKDOWN: Active -- 54 RES -- 0 ANG -- 0 DESCRIPTION/JUSTIFICATION: Presently, the F-117A fleet has two major radar absorbing material (RAM) coating configurations, a costly and labor intensive panel access technology, and five leading edge configurations. This effort will develop a single, optimized RAM coating and leading edge configuration which incorporates advanced panel access technologies for the F-117A fleet. This new configuration may include new leading edge technologies, spray-on coatings, new sheet RAMS, new panel access technologies, and gap fillers. The new

DEVELOPMENT STATUS: Development contract awarded June 94 and will complete Dec/98.

PROJECTED FINANCIAL PLAN

	Ē	0100	2	20 - OE	20	EV. 0.7	2	EV-00	υν 00	00	00-45		
	OTY	FRIOR	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
	1	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1 1 1 1 1 1 1	!		-		,		
RDT&E (3600)				1.8		4.5		4.3					
PROCUREMENT (3010)													
INSTALL KITS									12	7.0	12	7.0	
KITS NONRECUR													
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS													
DATA										1.6			
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-99 12 KITS											(12)	0.6	
FY-00 12 KITS													
FY-01 12 KITS													
FY-02 12 KITS													
FY-03 6 KITS													
			!						1				
TOTAL INSTALL QTY/COST											12	0.6	
	1	1	1	1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1 1	1			11111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
TOTAL COST (BP-1100)									12	8.6	12	16.0	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUR	NDING.)											
METHOD OF IMPLEMENTATION: INSTALLATION CLS	INS.	FALLATION	CLS										
• •	INITIAL	LEAD TIME 12 MONTHS	- 12 MONT	SHO	Œ,	FOLLOW-ON LEAD TIME 6 MONTHS	AD TIME .	6 MONTHS					

	AMT	 	31.5	1.6	0.6	0.6	4.5	40.5	73.6			E 4 4 4	
NUED)	TOTAL QTY		54		(12)	(12)	(9)	54	54			FY-00 1 2 4	
(CONTINUED)	TO COMP	1 1 1 1 1 1 1					4.5	4.5	4.5	FY-04		3 4	3 4
	TO ((9)	9 1		FY-03	1/03	FY-99 1 2	FY-04 1 2 3 3
	03 AMT		3.5			0		0.6	12.5	FY-02	1/02	8	23 23 44 23 23 44
	FY-03 QTY	! !	9			121	ì	12	9	Ĺτι	1/01	FY-98	FY-03 1 2 3 3
ON FLEET	AMT	!	7.0			0.6	-	0.6	16.0	_	1/00	4	4 6 6
SINGLE CONFIGURATION FLEET JED)	FY-02 QTY	!	12			12)		12	12	_	2/99	FY-97 2 3	EY-02 2 3 3 3
NGLE CO		: !	7.0		0	_							↔ ₩ ₩
TINC	FY-01 AMT	1	-		O	,		0.6	16 ADING.)	FY-97	! ! !	ى 4	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
1-31		! ! !	12		121	21	:	12	12 TO ROU	FY-96	 	FY-96 2	FY-01 2 3 3
FACT SHEET: F-117 MN PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-99 12 KITS FY-00 12 KITS	12	9	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 12 1 (TOTALS MAY NOT ADD DUE TO ROUNDING.)		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 4

PAGE 026-12 *** UNCLASSIFIED ***

		BUDGET ITEN (EXHIB	TEM JUSTIFICATION HIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY NIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	RAFT MODIFICATIONS	S)	P-1 ITEM NOMENCLATURE: A-10	LATURE: A-10			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$27.025	\$35.823	\$24.971	\$28.315	\$26.569	\$49.997	\$26.084	\$27.704

This line item funds modifications to the A-10 aircraft. The A-10 is a twin engine, single seat, close air support aircraft capable of delivering a full range of air-to-ground munitions as well as self defense air-to-air missiles. The modifications budgeted in FY98 enhance operational capability while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

COST TOTAL		1.6	-	3.0		203.4	203.4	203.4 22.8 16.6		203.4 22.8 16.6 3.5 4.9 19.8 28.6						ł
FY-03		0.2	0.2			3.6	3.6 10.4	3.6	3.6	3.6 10.4 4.4	3.6	3.6 10.4 4.4	3.6 10.4 4.4 7.0	3.6 10.4 4.4 7.0	3.6 10.4 4.4 7.0 1.9	3.6 10.4 4.4 7.0 1.9 0.1
FY-02						5.7	7.9	7.9								•
FY-01		0.1	0.1		36.6	,	4.5	4.5	4.5	4.5	0.9	4.5	0.0 7.8	6. 0 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 °	7.8	4.5 7.8 7.8 49.9
FY-00		0.5	0.5	0.3	25.2					0.1	0.1	0.1	0.1	0.1	0.0 0.1	0.1
FY-99		0.1	0.1	9.0	24.6							3.0	3.0	3.0	o.e	3.0
FY-98		0.4	0.4	9.0	21.9							2.0	2.0	2.0	2.0	2.0
FY-97		0.1	0.1	9.0	31.9						3.1	3.1	3.1	3.1	3.1	3.1
FY-96		0.2	0.2	0.5	13.0			3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	MODIFICATION TITLE	LOW COST SAFETY MODIFICATIONS	CLASS P-S TOTAL FOR A-10	TF-34 AGB LIFE IMPROVEMENT	EGI		LASTE COMPUTER UPGRADE	LASTE COMPUTER UPGRADE IDM	LASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER	LASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER COMMON AIRCRAFT MISSILE WARNIN	LASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER COMMON AIRCRAFT MISSILE WARNIN NIGHT VISION IMAGING SYSTEM LI	LASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER COMMON AIRCRAFT MISSILE WARNIN NIGHT VISION IMAGING SYSTEM LI IMPROVED AIRBORNED VIDEO TAPE	LASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER COMMON AIRCRAFT MISSILE WARNIN NIGHT VISION IMAGING SYSTEM LI IMPROVED AIRBORNED VIDEO TAPE ONBOARD OXYGEN GENERATING SYST	LASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER COMMON AIRCRAFT MISSILE WARNIN NIGHT VISION IMAGING SYSTEM LI IMPROVED AIRBORNED VIDEO TAPE ONBOARD OXYGEN GENERATING SYST ELECTRONIC WARFARE MANAGEMENT	LASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER COMMON AIRCRAFT MISSILE WARNIN NIGHT VISION IMAGING SYSTEM LI IMPROVED AIRBORNED VIDEO TAPE ONBOARD OXYGEN GENERATING SYST ELECTRONIC WARFARE MANAGEMENT LOW COST MODIFICATIONS.	IASTE COMPUTER UPGRADE IDM AIRBORNE DATA RECORDER COMMON AIRCRAFT MISSILE WARNIN NIGHT VISION IMAGING SYSTEM LI IMPROVED AIRBORNED VIDEO TAPE ONBOARD OXYGEN GENERATING SYST ELECTRONIC WARFARE MANAGEMENT LOW COST MODIFICATIONS. CLASS P TOTAL FOR A-10
MOD	NR	A66666	ij	18202B	3150EG		3301A	3301A 3441	3301A 3441 37118B	3301A 3441 37118B 7091	3301A 3441 37118B 7091 7092	3301A 3441 37118B 7091 7092	3301A 3441 37118B 7091 7092 7142	3301A 3441 37118B 7091 7142 9601	3301A 3441 37118B 7091 7142 9601 9602	
	CLASS	P-S		а												

Totals may not add due to rounding.

761	- 1	
SHOPP LIST PAGE NO.		
P-1 SHOPP LIST	ITEM NO. 027	

UNCLASSIFIED

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: EGI

TEAM POWER PE 0207131F CLC A-10 CENTER: SM-ALC MN-3150EG MODELS OF AIRCRAFT AFFECTED: OA/A-10 DESCRIPTION/JUSTIFICATION: The Embedded Global Positioning and Inertial Navigation System (EGI) is a self-contained, all-weather navigation system which provides provides positioning, velocity, and acceleration data for the aircraft. The EGI receives its radio frequency signals from the GPS satellite transmissions. The EGI receiver tracks up to five satellites simultaneously. In addition, EGI will replace the present inertial navigation unit (LN 39). This will result in an \$18M savings per year in maintenance costs upon completion of the modification installation. Nonrecurring engineering costs will support software independent validation and verification along with A-10 AFMSS software upgrades in FY97/98.

AIRCRAFT BREAKDOWN: Active -- 228 RES -- 43 ANG -- 102

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN		PRIOR	<u>4</u>	FV - 96	F.	FY-97	Ĭ.	FY-98	¥.	FY-99	FY-00	00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		0.7										
PROCUREMENT (3010)												
INSTALL KITS	4	2.9	1		83	2.1	64	1.5	48	1.2	67	1.7
KITS NONRECUR		21.6		11.4		3,3		1.9		1.5		
EQUI PMENT	(4)	5.2	(1)	0.3	(68)	23.1	(64)	16.8	(48)	13.2	(67)	18.9
EQUIP NONREC												
CHANGE ORDERS		1.6										
DATA		3.0				0.7		0.3		0.1		
SIM/TRAINER												
SUPPORT-EQUIP		3.9				0.3						
ICS		0.8		6.0		0.3		0.3		0.4		
FLIGHT TEST		0.1		0.4		1.8		0.5		0.5		
MOD OF SPARES						0.1		0.1				0.2
290								0.1		0.1		0.1
INSTALLATION OF HARDWARE												
7	(2)	0.2										
FY-95 2 KITS					(2)	0.2						
FY-96 1 KITS					1)	0.1						
FY-97 89 KITS							(9)	0.4	(83)	5.7		
FY-98 64 KITS									(28)	1.9	(96)	2.5
FY-99 48 KITS											(25)	1.8
FY-00 67 KITS												
FY-01 102 KITS												
TOTAL INSTALL QTY/COST	2	0.2	!	 	. E	0.3	9	0.4	111	7.6	61	4.2
ı	1 1 5	1		1 1 1 1	1	1 1 1 1	1 1		1	1	1	
TOTAL COST (BP-1100)	4	39.3	1	13.0	68	31.9	64	21.9	48	24.6	<i>L</i> 9	25.2

*** *** UNCLASSIFIED PAGE 027-1

PACT SHEET: A-10 MN-3150EG EGI PROJECTED FINANCIAL PLAN (CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

(CONTINUED)

PAGE 027-2
*** UNCLASSIFIED ***

		AMT			12.0	39.7	107.1	9	4.1		4.2	2.7	3,3	0.5	1.2		0.2	0.2	0.1	6.1	4.4	3.4	4.9	7.8	27.0	203.4	FY-03	
(0	TOTAL	Qry			375												2)	2)	1)	89)	64)	48)	(1)	102)		375	FY-02	
(CONTINUED)	•	<u>؛</u> د !															_	~	~	~	~	_	_	_ '			FY-01	2/01
00)	TO COMP	AMT																									FY-00	2/00 3/01
	TO	OLY																								 	FY-99	2/99
		AMT													9.0									3.1	3.1	3.6	FY-98	2/98
	FY-03	OIT.																						39)	39	! ! !	FY-97	3/97
															0.1								2.5	4.7 (7.1	7.3	FY-96	2/96 3/97
	FY-02	AMI																								i i i	FY-95	4/95
		OTY.																					(33)	(63)	96		FY-94	
OEG EGI (CONTINUED)	FY~01	AMI			2.7		29.7								0.1							1.7	2.5		4.1	36.6 ING.)	FY-93	
-315		ØI.			102		(102)															(23)	(34)		57	102 TO ROUND	FY-92	4/92
1. PI			<u>~</u>	3010)	ş	UR		S S			IIP			ES		OF HARDWARE	KITS		KITS					KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 102 3 (TOTALS MAY NOT ADD DUE TO ROUNDING.)		TE (QTR/FY) TE (QTR/FY)
FACT SHEET: A-10 PROJECTED FINANCI			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	ICS	FLIGHT TEST	MOD OF SPARES	290	INSTALLATION OF	FY-92 2	FY-95 2	FY-96 1				FY-00 67	FY-01 102	TOTAL INSTA	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)

PAGE 027-3 *** UNCLASSIFIED ***

(CONTINUED)

(CONTINUED)
LNCC
PI.AN
TNANCIAL
PROJECTED FINANCIAL PLAN

	4			4	21	17				
	т			က	11	10				
FY-96	7		FY-01	7	10	6				
	H			-	σ	15				
	4					16				
	က		_	က	16	15				
FY-95	7		FY-00	2	15	15				
	7			-	15	18				
	4			4	18	21				
	ю			Э	21	36				
FY-94	7		FY-99	1 2	36	36				
	1				36	9				
	4			4	9			4		
	က			æ				ო		
FY-93 FY-94	7		FY-98	1 2			FY-03	2		39
	-	2						-	39	39
	4 2			4		.		4	39	28
	m			က	Н	7		ო	28	14
FY-92	7		FY-97	7	7		FY-02	2	14	15
DULE:	1		DULE:	-			DULE:	1	15	21
INSTALLATION SCHEDULE:	QUARTERS INPUT	OUTPUT	INSTALLATION SCHEDULE:	QUARTERS	INPUT	TUTPUT	INSTALLATION SCHEDULE:	QUARTERS	INPUT	OUTPUT

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: IDM MN-3441 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC A-10 CLASS P

reliable transfer of target information in digital format. IDM systems will be fielded in all elements of the tactical air control system. The IDM significantly improves mission effectiveness by improving the reliability and transmission speed of information. Data will be more jam resistant. Exposure time and cockpit tasks will be reduced thereby improving survivability. Two aircraft will be modified with R&D funds. The remaining 377 aircraft will be modified with 3010 funds. IDM program has been canceled per msg from HQ USAF/XOR. TEAM POWER The improved data modem (IDM) interfaces with existing aircraft radios and provides a fast, DESCRIPTION/JUSTIFICATION: Upgrades avionics to provide effective close air support (CAS), forward air control mission, and enhance PE 0207131F CENTER: SM-ALC performance in low intensity conflicts. MODELS OF AIRCRAFT AFFECTED: A/OA-10

AIRCRAFT BREAKDOWN: Active -- 229 RES -- 43 ANG -- 102

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN												
		PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00
•	OTY	AMT	OTY	AMT	QTY	AMT	OTY 	AMT	ÇIY	AMT	OIY.	AMT
RDT&E (3600)		0.4										
PROCUREMENT (3010)												
INSTALL KITS	٣	0.1										
KITS NONRECUR		8.7		1.4								
EQUI PMENT (3)	0.1										
EQUIP NONREC												
CHANGE ORDERS												
DATA		1,5										
SIM/TRAINER												
SUPPORT-EQUIP		1.2										
ICS		0.7		0.0								
FLIGHT TEST		1.3		9.0								
MOD OF SPARES												
INSTALLATION OF HARDWARE												
			(1)									
TOTAL INSTALL QTY/COST	!	 	1	 	 		i i i i	! ! ! ! !	! ! !			
•	!	1		1 1 1	1	1 1 1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			1	1
TOTAL COST (BP-1100)	n	13.6		3.0								
(TOTALS MAY NOT ADD DUE 1	o	FO ROUNDING.)	#CGGG									
METHOD OF THE DEMENTAL IN	MITIAL	INITIAL LEAD TIME 14 MONTHS	14 MONT	rhs	F(TLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 20 MONTHS	S			

*** UNCLASSIFIED ***

*		
2	3	
5	2	
<u>ה</u>	į	
Ξ	÷	
*		

(CONTINUED)

FACT SHEET: A-10 MN-3441 IDM PROJECTED FINANCIAL PLAN (CONTINUED)

AMT	***************************************	0.1	0.1	1.5	,	1.2	1.9	c	2 !	0.0	16.6			•	ы 4
TOTAL		m						_						FY-97	N
YTO		.,						-		1				,	
P AMT									1					•	w - L
TO COMP														FY-96	Ν.
OTY	ı														
3 AMT															m
FY-03 QTY									-	1				FY-95	8
Ö												FY-97	! ! !	,	 1
02 AMT									1				! ! !	,	რ შ
FY-02 OTY									-					FY-94	0
	·												4/95		H
FY-01 AMT									1		JING.)	FY-94	 		₄
FY- OTY											TO ROUNI	FY-93	1 	FY-93	8
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT FOUTP NONREC	CHANGE ORDERS	SIM/TRAINER	SUPPORT-EQUIP ICS	FLIGHT TEST	MOD OF SPARES INSTALLATION OF HARDWARE	า	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1 INPUT OUTPUT

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NIGHT VISION IMAGING SYSTEM LIGHTING MN-7092

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC A-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: A/OA-10

CENTER: SM-ALC

PE 0207131F TEAM POWER

DESCRIPTION/JUSTIFICATION: Improves A-10 close air support capability and responds to Desert Shield/Storm deficiencies. Revises cockpit and exterior lighting to allow pilot to wear night vision goggles (NVIS Type 2, Class A Requirement). This will be accomplished through a combination of internal lighting modification, bezel flood lighting, filters and replacement of front windscreen. The modification was previously titled "night attack capabilities". The modification was renamed because A/B SINCGARS (A-10 MN# 3429), integrated data modem (MN# 3441), and NAVSTAR GPS (A-10 MN# 3150) are also required to provide full A-10 night attack capability.

AIRCRAFT BREAKDOWN: Active -- 222 RES -- 51 ANG -- 102

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 ŎΤΥ AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

PROCUREMENT (3010)											
INSTALL KITS	254	12.2	120	6.9							
KITS NONRECUR	2	0.4									
EQUI PMENT		1.3		2.0		1.2					
EQUIP NONREC											
CHANGE ORDERS		0.7									
DATA ·		2.4									
SIM/TRAINER											
SUPPORT-EQUIP		0.3									
MOD OF SPARES		3.4		0.2		0.4					
INSTALLATION OF HARDWARE	ы										
FY-94 215 KITS	(215)	5.4									
FY-95 41 KITS	(12)		(29)	1.2							
FY-96 120 KITS					(120)	1.5					
	1	1 1 1 1 1 1		1			!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1	1 1 1 1 1 1 1	-
TOTAL INSTALL QTY/COST	F 227	5.4	29	1.2	120	1.5					
	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1			!			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-
TOTAL COST (BP-1100)	256	26.1	120	10.3		3.1					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	JE TO ROU	NDING.)									
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION	ION: INS	TALLATION	- COMBINA	TION							

FOLLOW-ON LEAD TIME -- 10 MONTHS

INITIAL LEAD TIME -- 8 MONTHS

**
UNCLASSIFIED
* * *

NIGHT VISION IMAGING SYSTEM LIGHTING	
SYSTEM	
IMAGING	
VISION	
NIGHT	ONTINUED)
MN-7092	S
ΨN	PLAN
A-10	FINANCIAL PLAN
FACT SHEET:	ROJECTED E
FACT	PROJE

(CONTINUED)

374 19.1 2 0.4 4.5 0.7 2.4 4.5 0.7 2.4 4.0 0.7 2.4 4.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0	FY-01 QTY AMT
374 2 2 2 2 2 3 4 1 2 41) (120	
FY-97 FY-98 FY-97 FY-98	
FY-97 FY-98 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-98 FY-97 FY-96 FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-97 FY-98 FY	
(215) (41) (120) (
(215) (41) (120) (120) (120) (120) (120) (120) (120) (120) (376) (120) (376) (41) (72) (42) (42) (43) (5) (5) (5) (5) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	
FY-97 FY-98 FY-97 FY-96 FY-95 FY-97 FY-97 FY-96 FY-97 FY-98 1 2 3 4 1 3 4	
FY-97 FY-98 FY-97 FY-96 FY-95 FY-97 FY-96 FY-97 FY-97 FY-96 FY-97 FY-98 1 2 3 4 1 3 4 1 3	
(215) (41) (120) (
FY-97 FY-98	
FY-97 FY-98	
FY-97 FY-98	
FY-97 FY-98 376 376	
FY-97 FY-98 (-95 FY-96 FY-97 FY-98 56 56 57 9 10 10 40 40 40 56 56 57 9 10 10 40 40 40 56 56 57 9 10 10 40 40 40	
FY-97 FY-98 (-95	FOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) AILESTONES
Y-95 FY-96 FY-97 4 1 2 3 4 1 56 56 57 9 10 10 40 40 40 40 40 40 40 40 40 40 40 40 40	FY-95 F
Y-95 FY-96 FY-97 2 3 4 1 2 3 4 1 2 3 4 1 56 56 57 9 10 10 40 40 56 56 56 57 9 10 10 40 40	1 1 1 1 1 1
3 4 1 2 3 4 1 2 3 4 1 56 57 9 10 10 40 40 56 55 9 10 10 40 40 40	2/94 1/95 1/96 4/94 4/95 4/96
3 4 1 2 3 4 1 2 3 4 1 56 57 9 10 10 40 40 56 56 57 9 10 10 40 40	FY-94 F
56 57 9 10 10 40 40 40 56 56 57 9 10 10 40 40	3 4
	2 56

PAGE 027-8 *** UNCLASSIFIED ***

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: IMPROVED AIRBORNED VIDEO TAPE RECORDER (IAVIR)

CLC A-10

MN-7142

MODELS OF AIRCRAFT AFFECTED: A/OA-10

CENTER: SM-ALC

TEAM POWER PE 0207131F

Video Tape Recorder (AVTR) system to provide an increased recording capability by allowing the average two hour sortie to be properly documented. This modification will remove the existing AVTR system and replace it with a system that will have a two hour record capability and be color capable. The proposed system will be designed for two-level maintenance, and serviced at the organizational level by flightline personnel. The National Guard Bureau and Air Force Reserves are paying for all the non-recurring costs as well as their respective aircraft kits. This is a follow-on modification procurement for active forces aircraft based on ANG/AFRES program. The equipment being installed in the aircraft is a ruggedized version of commercial off-the-shelf components. DESCRIPTION/JUSTIFICATION: The A-10 IAVTR modification, also known as Color Airborne Video Tape Recorder (CAVTR), upgrades the A-10 Airborne

AIRCRAFT BREAKDOWN: Active -- 222 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN												
	PRIOR	OR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
•			1	1	1		!	1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1	1	1 1 1 1 1
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							89	2.0	133	3.0		
KITS NONRECUR												
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
	1 1 1 1	1 1 1 1 1 1 1 1	1		:	1 1 1 1 1 1 1 1 1	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)							83	2.0	133	3.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.	O ROUND	ING.)										
METHOD OF IMPLEMENTATION:	_	NSTALLATION ORG/INTERMEDIATE	ORG/INT	RMEDIATE								
NI	HITIAL L	INITIAL LEAD TIME 5 MONTHS	- 5 MONTH	SI	G.	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 5 MONTHS				

UNCLASSIFIED ***

	AL				5.0									5.0			
NUED)	TOTAL	,			222									222			
(CONTINUED)	OMP.																
	TO COMP												1 1 1 1				
(IAVTR)	EW.																
IMPROVED AIRBORNED VIDEO TAPE RECORDER (IAVTR)	FY-03	ĺ															
O TAPE																	
) VIDEC)2 NATE	1177													FY-99	66/1	66
AIRBORNEI	FY-02												1		FY-98 FY.		.,
ROVED	Ē	. !														•	4/
12 IMPRO (CONTINUED)	FY-01												1 1 1 1 1 1 1	DING.)	FY-07		
-714	FY	1 1											1	TO ROUN	FV - 96		
O N														100) ADD DUE		rR/FY)	rR/FY)
A-1			•	3010)	Š	UR		ပ္	RS			I.P		(BP-1		TE (O	TE (Q
FACT SHEET: A-10 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA '	SIM/TRAINER	SUPPORT-EQUIP		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	00101000	CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)
ᇤᅘ			24	PRO	H	×	函	函	υ	ď	S	S		£ ∼ x	2	Ű	ū

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)			100000000000000000000000000000000000000	DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	DGET ACTIVITY JREMENT AF/AIRCF	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	SN	P-1 ITEM NOMENCLATURE: F/RF-4	LATURE: F/RF-4	:		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$0.001	\$0.130						

This line item funds modifications to the F/RF-4 aircraft. The F/RF-4 is a twin engine, two seat aircraft which performs tactical reconnaissance and suppression of enemy aircraft defense missions. There are no modifications budgeted in FY98 or beyond

-				1
COST	TO GO			
FY-03				
FY-02				
FY-01				
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03				
FY-99				
FY-98				
FY-97			0.1	0.1
FY-96				
	CATION TITLE	LOW COST MODIFICATIONS	TOTAL FOR F/RF-4	
	MODIFI	TOW COS	CLASS P	F-4
MOD	NR	X66666	υ	TOTAL FOR F/RF-4
	CLASS	a		TOTAL

TOTAL PROG.

Totals may not add due to rounding.

P-1 SHOPP LIST PAGE NO. ITEM NO. 028 UNCLASSIFIED

156

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	ጓ ሃ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AII	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	SN	P-1 ITEM NOMENCLATURE: F-15	LATURE: F-15			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$78.285	\$158.869	\$169.568	\$193.121	\$228.312	\$273.677	\$333.395	\$352.059

This line item funds modifications to the F-15 aircraft. The F-15A/B/C/D is a twin engine, single seat, supersonic, all-weather, day/night, air-superiority fighter. The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

TOTAL PROG.	18.5		23.1	54.9	17.2	4.9	13.2	6.1	401.0	13.7	52.3	10.6	404.1	556.5	231.2	5.1	1.6	1.5	8.6	0.1	1.9	1.4	1.7	3.6	9.0	0.2	11.7	15.3
COST TO GO			0.9																									1.9
FY-03			9.0						94.3																			5.2
FY-02			2.3						93.0																			3.7
FY-01			5.2		0.7				70.1		1.8							0.2									1.5	4.5
FY-00			3.3	0.9	9.0	1.2			43.5		3.7							0.4	2.4					1.1			3.0	
FY-99			6.2	1.9	2.0	3.7			22.8		12.4							0.5			0.3			0.9			3.9	
FY-98			4.5	2.8	2.8				23.2		15.3							0.2	0.3		0.8			0.8			1.6	
FY-97	1.0	1.0		8.2	1.5			1.2	23.5		6.7				63.6	2.2		0.1	1.6		0.4	0.3		0.5			1.2	
FY-96	2.2	2.2		8.8			1.9			1.4	3.4	1.7	9.5	1.3	20.2	1.6	1.6	0.1	5.5	0.1	0.4	1.2	1.7	0.2	9.0	0.2	0.5	
MODIFICATION TITLE	- 1	CLASS P-S TOTAL FOR F-15	SECONDARY POWER UPGRADE	HIGH PRESSURE WATER SEPARATOR	LANDING GEAR WIRING/SWITCHES	LG WIRING/SWITCHES	WING FUEL TRANSFER PUMP	STANDARD FLIGHT DATA RECORDER	F100-220E ENGINE UPGRADE	MSOGS	SdS	NAVSTAR GPS	MSIP PROGRAM: C/D SERIES	ALQ-135	ALQ-135 P3I	4TH ROBUST BLADE	1ST BLADE OUTER SEAL	2ND VANE INNER AIR SEAL		2/3 BEARING BOLTS	1ST STAGE TIP SHROUD SUPPORT	ENHANCED TEMPERATURE CAPABILIT	TUBE IMPROVEMENT	4TH DISK BRUSH SEAL	#3 BEARING HEATSHIELD	2.7.C DEEC/3.1D EDU LOGIC	SUPER CONVECTIVE SHROUD	SECONDARY POWER UPGRADE
MOD	13639A	J	10211B	13647B	16628B	16628E	16701B	17606B	19203A	197500	3150E	3150M	3192	3192B	3192C	6048	6051	6052	6054	9509	0909	6064	6070	6071	6077	0809	9809	6106
CLASS	S-d		Δ.																									

Totals may not add due to rounding.

orange man and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a			
	P-1 SHOPP LIST	PAGE NO.	12/
	ITEM NO. 029		
		HING ACCIT	u

)	BUDGET ITE (EXHI	ET ITEM JUSTIF (EXHIBIT P-40)	FITEM JUSTIFICATION EXHIBIT P-40)							DATE		FEBRUARY 1997
APPROPRIJ AIRCRA	ATION/B	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFIC	RAFT MODIFICATIONS	SNC		P-1 TE	P-1 ITEM NOMENCLATURE: F-15	CLATURE	: F-15					
		1996	1997		1998		1999		2000		2001		2002	22
COST (In Mil)	(III)	\$78.285	\$158.869	\$1	\$169.568	\$	\$193.121	\$	\$228.312	\$	\$273.677	\$	\$333.395	5
	MOD			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL	AL
CLASS	NR	MODIFICATION TITLE	ITLE									TO GO	PROG.	٠. ن
Ь	6108	7TH/8TH STAGE SHORT SHOES AND	ORT SHOES AND	0.3	0.3	0.4							"	1.0
•	6109	FIRST BRUSH SEAL		0.4	9.0	0.8	1.5	1.8	1.2	0.4			v	6.7
•	6141	EAGLE 229 HPT OD FLOWPATH	FLOWPATH	0.8	0.9	1.2	2.8	2.4	1.2	0.1			0,	9.4
•	6142	COMBUSTER IMPROVEMENTS	EMENTS				0.7	1.4	1.0	0.2			(*)	3.3
v	65042B	100/220 ENGINE INTERCHANGEABL	NTERCHANGEABIL	0.4									12	12.2
w	8049	APG-63 RADAR			18.0	83.1	103.2	97.5	94.6	98.1	100.3	9.3	604.0	٥.
w	8250	MIDS FDL		11.6	7.4	31.4	28.1	6.2				92.8	177.5	.5
w	8251	VHSIC CARD		6.0									14.6	9.
v	8265	PROGRAMMABLE ARMAMENT CONTROL	PMENT CONTROL						7.6	15.6	15.8	28.7	8.69	8.
J	8314	AIR DATA PROCESSOR	OR					5.0	5.4	5.1	5.4	4.2	25.1	٠.
3	8352	HELMET-MOUNTED CUEING SYSTEM	UEING SYSTEM						5.6	18.3	18.5	38.9	81.3	۳.
ω	8357	MULTI PURPOSE DISPLAY PROCESSO	SPLAY PROCESSO								27.0	26.7	53.7	۲.
3	8419	ALQ 135, BAND 1.5	10					18.3	45.2	87.6	61.4	52.8	265.4	٠4
w	8420	LINK 16 FDL						24.1	7.4				31.5	5.
Ð	8454	ACFT WEAPONS CONTROL SET (AWCT	TROL SET (AWCT					1.7					Н	1.7
J	N66666	LOW COST RETROFIT MODS	IT MODS		0.1	0.1			0.1		0.1		9	6.9
J	X66666	LOW COST MODIFICATIONS	ATIONS	0.1	0.1								2	2.8
ra,	ASM	AUX SPRAY MANIFOLD	9			0.1	0.4						0	0.5
-	IDECM	COMMON ELECTRIC COUNTERMEASURE	COUNTERMEASURE							0.6	23.5	240.0	272.5	s.
ı	IDEEC	220E IDEEC				0.1	0.1						0	0.2
ı	IMPTUR	IMPROVED TURBINE				0.1	0.1						0	0.2
ı	T8237	DIGITAL MAP SYSTEM	WE				1.5	7.6	18.4				29	29.6
2	288888	REPROGRAMMINGS			19.6								19.9	6.
	O	CLASS P TOTAL	TOTAL FOR F-15	76.0	157.9	169.6	193.1	228.3	273.7	333.4	352.1	496.1		1
TOTAL FOR	FOR F-15	22		78.2	158.9	169.6	193.1	228.3	273.7	333.4	352.1	496.1		1

Totals may not add due to rounding.

UNCLASSIFIED P-1 SHOPP LIST PAGE NO. ITEM NO. 029

1 58

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P-S

MODELS OF AIRCRAFT AFFECTED: F-15

DESCRIPTION/JUSTIFICATION: Provides a fire detection system for the engine afterburner section of the F-15 aircraft. During the past few years, the F-15 fleet has experienced 42 fires in the afterburner section. The fires were not detected in flight by pilots because there is no detection system in this section of the engine bay. Afterburner section is separated from the stabilator actuator only by aircraft skin. Loss of stabilator actuator would result in loss of flight control. A fire detection system will provide the pilot with sufficient warning to extinguish the fire prior to catastrophic damage to the aircraft. TEAM AIR PE 0207130F CENTER: WR-ALC MODIFICATION TITLE AND NO: AFT ENGINE BAY FIRE DETECTION MN-13639A

AIRCRAFT BREAKDOWN: Active -- 455 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN		PRIOR	FY-96			FY-97		FY-98		FY-99		FY-00
	QTY	AMT	QTY	AMT	OTY	AMT	OTY 	AMT	XIO	AMT	117	ARII
RDT&E (3600)												
PROCUREMENT (3010)	27(ς α										
KITS NONRECUR		2 0.4										
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.5										
SIM/TRAINER	(31)											
SUPPORT-EQUIP												
TRAINER KITS	(16)											
INSTALLATION OF HARDWARE	IARE											
FY-88 51 KITS												
FY-89 131 KITS												
FY-90 131 KITS	(313)											
FY-93 98 KITS	(100)	1.7										
FY-94 115 KITS			(113)	2.2								
FY-95 46 KITS					(46)	1.0			!		 	1
TOTAL INSTALL OTY/COST	TOST 413	3 1.7	113	2.2	46	1.0						
***	i	1	1				-	1	1	1	:	
TOTAL COST (BP-1100))) 572	2 15.3		2.2		1.0						
(TOTALS MAY NOT ADD DUE TO	DUE TO	ROUNDING.)										
METHOD OF IMPLEMENTATION:	-	N: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 28 MONTHS	- DEPOT/F:	ELD TEAM	[±	FOLLOW-ON LEAD TIME 14 MONTHS	SAD TIME	14 MONT	£			

FACT SHEET: F-15 MN-PROJECTED FINANCIAL PLAN	F-15 MI	-136	TINC	ENGINE B	AFT ENGINE BAY FIRE DETECTION	DETECTIO	N			00)	(CONTINUED)	
		FY- QTY	FY-01 AMT	QTY	FY-02 AMT		FY-03 QTY	AMT	TO QTY	TO COMP	TC QTY	TOTAL AMT
RDT&E (3600)		1		!				!			1	1
OCUREMENT (3010) INSTALL KITS KITS NONRECUR	(0										570	8.8 0.4
EQUIPMENT EQUIP NONREC											1	
DATA SIM/TRAINER												3.9
SUPPORT-EQUIP TRAINER KITS												0.0
STALLATION OF FY-88 51	HARDWARE KITS											
131	KITS											
FY-90 131 FY-93 98	KITS KITS										(313)	1.7
FY-94 115 FY-95 46	KITS										(113)	2.2
	<u> </u>			1			!	1	-		. i	
TOTAL INSTALL QTY/COST	QTY/COST											4.9
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	-1100) T ADD DUE	TO ROUNI	JING.)				! ! ! ! !					18.5
		FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	(QTR/FY) (QTR/FY)	2/90 4/90	4/90 3/92	4/90 3/92	4/90 3/92		4/93 1/95	4/94 1/96	1/95 2/96			

FACT SHEET: F-15 MN-13639A AFT ENGINE BAY FIRE DETECTION PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	20	ഹ		4		
	മെ			m		22
FY-92	7		FY-97	4 1 2 3	22	24
	 1			н	24 22	28
	4 -	-			28	53
	r -1			m	59	29
FY-91	1 2		FY-96	1 2 3	59	29
	-			-	59	56
	4	-		4	19 29 29 29 26	53
	ო			3	29	53
FY-90	2		FY-95	7	29	53
	+			1	59	19
	4			4	20 20 20 19 29	20
	ო			က	20	20
FY-89	7		FY-94	7	20	20
	1			1	20	
	4			Þ	47	48
	e		_	m	48	48
:: FY-89 FY-90	0		FY-93	2 3 4	48	48
 Eg	-		: E	1	48	20
INSTALLATION SCHEDULE:	QUARTERS INPUT	OUTPUT	INSTALLATION SCHEDULE:	QUARTERS	INPUT	OUTPUT

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MODIFICATION TITLE AND NO: SECONDARY POWER UPGRADE MN-10211B MODELS OF AIRCRAFT AFFECTED: F-15 C/D DATE 02/14/97 FY 1998 PB

TEAM AIR PE 0207130F CENTER: SA-ALC

DESCRIPTION/JUSTIFICATION: Replaces jet fuel starter and constant speed gear box, providing 40% increase in MTBF. Commodity mod of 8

AIRCRAFT BREAKDOWN: Active -- 400 RES -- 0 ANG -- 0 components.

DEVELOPMENT STATUS: Complete.

AMT FY--00 64 (114) 114 64 QTY 5.7 0.3 0.1 6.2 0.1 AMT FY-99 114 114 30) 81) 81 QTY _ 0.2 3.9 0.2 4.5 AMT FY-98 81 QTY (08) 81 AMT FY-97 QTY AMT FY-96 QTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST KITS KITS KITS KITS KITS PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES INSTALL KITS EQUIP NONREC RDT&E (3600) 8 114 64 94 34 13 TOOLING FY-99 FY-00 FY-98 FY-02 FY-04 FY-01 DATA

0.1

0.1 3,3

3.2

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

*** UNCLASSIFIED ***

R UPGRADE	
SECONDARY POWER UPGRADE	
MN-10211B SEC	(CONTINUED)
MN	L PLAN
: F-15	FINANCIA
FACT SHEET: F-15	PROJECTED FINANCIAL PLAN

(CONTINUED)

		en en	8	9 4 1		- -	~ 0 1	ıcı	1			4 28 28	4
AMT		20.3	0.2	1.6 0.4 0.1	0.1		00	0.5	23.1			3 28 29	m
TOTAL							1	!	_			FY-00 2 29 29 29	FY-05 2 13
OTY		400			81)	94)	34)	400	400	FY-05		1 29 18	13
. !		0.7		0.1				ļ	6.0			4 18 21	4
TO COMP		0		0			1 1 1 1 1	 	0	FY-04	1/04	FY-99 2 3 21 21 21 21	EY-04 2 3
TO QTY		13		2)			13)	13	13	FY-03	1/03	FY-9 1 2 21 21 21	1 1 2 8 8
.				0.5			0.1	0.1	9.0	FY-02	1/02	4	4 & &
3 AMT				Ü				Ü	J	ΕΥ·	1,0	m	мшб
FY-03				55)			34)	34		FY-01	1/01	FY-98 2	FY-03 2 9
QTY				<u>.</u>						FY-00	01	1	1 9 23
AMT		1.9		0.3		0.1		0.1	2.3	FY-	1/00	4	4 23 23
FY-02					•					FY-99	1/99	3	2 23 24
FY		34		30)		94)		94	34			FY-97 2	FY-02 2 24 24
0		-		<u> </u>		_	į			FY-98	1/98 1/99	1	1 24 16
AMT		4. 8.		0.3		0.1		0.1	5.2	FY-97		4	4 16 16
FY-01								 	DNIGN			ю	3 16 16
P] 	94		(30)		(64)		64	94 E	FY-96		FY-96 2	FY-01 2 16 16
		(0		•	HARDWARE KITS KITS	KITS (KITS		QTY/COST	-1100) T ADD DUE		(QTR/FY) (QTR/FY)	CHEDULE: .S 1 .T	CHEDULE: 1 T 16 T 28
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SIMPORT-EQUIP	MOD OF SPARES OGC TOOLING	ATION OF 81 114	FY-00 64 FY-01 94	34 13	TOTAL INSTALL QTY	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT 1 OUTPUT 2
	RD1	PROCU INS KIT EQU EQU	CHANG DATA SIM/T	MOD OGC TOOL	INSTA FY- FY-	ŖŸ.	FY. FY-	TOT	OT OT)		CON	IN	IN

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

MODIFICATION TITLE AND NO: HIGH PRESSURE WATER SEPARATOR MN-13647B

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Will improve the cooling of the Environmental Control System (ECS) by replacing the primary and cabin water separator with a High Pressure Water Separator; dry air can be provided at colder temperatures. The increased cooling will provide a 40% increase in reliability of Avionics Line Replaceable Units (LRU). A retrofit mod.

AIRCRAFT BREAKDOWN: Active -- 277 RES -- 0 ANG -- 0 TEAM AIR PE 0207130F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: F-15 C/D

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	80	aOT ad	96-24	90	FV-97	76-	Υ.A.	841 841	ų. V	66-44	£.	FY-00
	QTY	AMT	ΩTΥ	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDI&E (3600)												
PROCUREMENT (3010)	,		Ţ	ć	ŭ	d						
KITS NONRECUR	797	1.5	70	0.	77	0.0						
EQUI PMENT												
EQUIP NONREC CHANGE ORDERS												
DATA		0.1									-	
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES		0.2										
TOOLING		0.2	(8)	0.2								
250						0.2						
INSTALLATION OF HARDWARE												
FY-90 2 KITS	(2)											
FY-92 62 KITS	(62)	1.9										
86	(86)	4.0										
FY-96 61 KITS							(61)	2.8				
FY-97 54 KITS									(40)	1.9		
TOTAL INSTALL QTY/COST	162	5.9	! ! !				61	2.8	40	1.9	14	6.0
TOTAL COST (BP-1100)	162	32.3	61	8.8	54	8.2				1.9		0.9
(TOTALS MAY NOT ADD DUE TO	0	ROUNDING.)										
MEIHOU OF IMPLEMENIATION:	H	INSTALLATION DEFOI FIAL LEAD TIME 21 MONTHS	- 21 MONT	HS	FO	FOLLOW-ON LEAD TIME 24 MONTHS	AD TIME -	24 MONTH	S			

*** UNCLASSIFIED ***

HIGH PRESSURE WATER SEPARATOR	
WATER	
PRESSURE	
HIGH	UED)
MN-13647B	LAN (CONTIN
FACT SHEET: F-15	PROJECTED FINANCIAL PLAN

(CONTINUED)

i	!	0.5	0.1	0.2	۷.	1.9	2.8	1.9		. 6			4	4 10 10	
AMT		41.0	0	000	•	4	2	1	11.5	54.9	_		m	3 10 10	
TOTAL		_						į	i 	i 	FY-00		FY-94 2	FY-99 2 10 10	
QTY		277			2)	62)	61)	40)	277	277	66.	!	H	1 10 15	
e.	<u> </u>					_		_	1	!	FY-99		4	4 15 15	
MP AMT											FY-98	1/98	e m	3 15 15	
TO COMP	!								· }	!			FY-93 2	FY-98 2 15 16	
TC OTY											FY-97	1/97	1	1 16 24	
AMT								!			FY~96	2/96	4 0	24 24	
FY-03	i 							, , ,				1 0 0	m 03	3 24 25	
PY. QTY	! !							į			FY-95		FY-92 2	FY-97 2 25 25	
a į	i i							į		1	FY-94		ť	1 25 34	
AMT													4	4 34 28	
FY-02								1		!	FY-93	4/94	3	6 3 28	
OTY F								1				1 4 0	FY-91 2	FY-96 2	
ı !	!							1		1	FY-92	4/94 2/96	1	H	
AMT								1		g.)	FY-91		4	4	4
FY-01								1		MIGNO		l i	e C	e S	3
QTY										TO ROUNDING.)	FY-90	3/90	FY-90 2	FY-95 2	FY-00 2 7
					DWARE S	ະນ ເກ	· KO	ຜ	/cost	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE		QTR/FY) QTR/FY)	OULE:	OULE:	JULE: 1 7 10
		010) R	n Ω.	· so	INSTALLATION OF HARDWARE FY-90 2 KITS	KITS	KITS	KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD			INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
	3600)	NT (3 KITS NRECUI NT	INER FOUL	SPARE	10N 0	62 98	61	54	NSTAL	OST (I	NES	r-dati Y-dati	ATION SC QUARTERS INPUT OUTPUT	ATION SC QUARTERS INPUT OUTPUT	ATION SC QUARTERS INPUT
	RDT&E (3600)	INSTALL KITS INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP	Change Orders DATA SIM/TRAINER SUPPORT-EOUIP	MOD OF SPARES TOOLING	STALLAT	FY-92 FY-93	FY-96	FY-97	ral II	FAL CO	MILESTONES	CONTRACT-DATE DELIVERY-DATE	STALL	STALL!	STALLA
	RD	PROC	SII	MOD TOOL	INST	FY	FY	ΕŸ	TO	JO JO JO JO JO JO JO JO JO JO JO JO JO J	MI	COI	IN	Ï	IN

PAGE 029-7
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: LANDING GEAR WIRING/SWITCHES MN-16628B

CLC F-15

TEAM AIR

PE 0207130F

MODELS OF AIRCRAFT AFFECTED: F-15 A/B/C/D

If wires break, the associated proximity or Weight On Wheels (WOW) switch has to be replaced. There have been 80 aircraft aborts. The modification incorporates redesigned switches or Speed Sensor Circuit (SSC) to connector on aircraft bulkhead. There will be a separate harness for each switch/SSC. Nose landing light harness will be replaced and encapsulated in tubing. 90 Mod Install (\$1.624). DESCRIPTION/JUSTIFICATION: Landing gear system failure is being caused by vibration and flight wind loads on the wiring at the splice area.

CENTER: WR-ALC

AIRCRAFT BREAKDOWN: Active -- 428 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: N/A.

9.0 9.0 9.0 AMT FY-00 73) QTY 2.0 9.8 0.5 9.0 AMT FY-99 62 70 QTY 62) (07) FOLLOW-ON LEAD TIME -- 24 MONTHS 1.1 0.1 0.7 0.7 AMT FY-98 83 107 83) 83 QTY 9.0 AMT FY-97 70 70 70) QTY AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 25 MONTHS FY-96 QTY 0.3 1.7 7.6 4.2 3.7 AMT PRIOR 325 218 325 20) QTY TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) KITS KITS KITS KITS KITS PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP MOD OF SPARES INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER 70 107 EQUI PMENT FY-91 FY-92 FY-94 FY-99 FY-97 ပ္ပ

PAGE 029-8

*** UNCLASSIFIED ***

PAGE 029-9

*** UNCLASSIFIED ***

LANDING GEAR WIRING/SWITCHES	
GEAR	
LANDING	NUED)
MN-16628B	AN (CONTI
	I PLAN
F-15	NANCIA
ACT SHEET:	ROJECTED FINANCIA
FACT	PROJE

(CONTINUED)

																			2	Ī			
																			FY-02				
	. !		7.0	5.7		0.1		0.0	1.1	0.3	9.0	7.0	9.0	9.0	0.7	4.3	17.2		FY-01		4	4 17 17	
	AMT		,		,	Ü		Ü	0			Ŭ	_			7	17			' !	3	99 3 17 18	
TOTAL	, !		540							20)	· 🙃	(,	6	ê:	: ::::::::::::::::::::::::::::::::::::	540	540		FY-00		FY-94 2	FY-99 2 18 18	
	QTY 		2.							2	(83)	(101)	(07)	(2)	(72)	ທີ	i û		FY-99	1/99 1/01	н	1 18 26	
	AMT														.		!			_	4	26	
TO COMP	4														1		1		FY-98	1/98	FY-93 2 3	FY-98 2 3 27 27 27 27	
TO	OTY														ļ		!		FY-97	1/97	FY-		
	· i														j !		1			! 	4	4 1 45 27 44 45	4
	AMT														1] ! !		FY-96		т	44 4	ю
FY-03	; ; ;														;		i !		FY-95	: : :	FY-92 2	EY-97 2 44 44	FY-02 2
	QTY														ļ					5.	н	1 44 40	18
	AMT														ļ				FY-94	1/95	4	4 40	4 18 18
FY-02	1														į		į		FY-93		B	9	1 3 18 18
	OTY																				FY-91 2	FY-96 2	FY-01 2 18 18
	' !														ا ۔ ا	7			FY-92	4/93	1	H	1 18 19
	AMT														0.7	0.7	0.7	(G.)	FY-91	4/91	4	4	4 19 18
FY-01	i														i - 1	8	i	TO ROUNDING.)			3	3	3 18 18
	OTY														(72)	72		TOR	FY-90	4/90	FY-90 2	FY-95 2	FY-00 2 18 18
										WARE			•	••	**	'COST	(00	DO OC		VFY) VFY)	OULE:	OULE:	JULE: 1 18 17
			010)	«		ro		a. ro		F HARDY	KITS	KITS	KITS	KITS	KITS	L QTY/	3P-11(NOT AI		E (OTF	ON SCHEI ARTERS INPUT	SCHEI SRS PUT	ION SCHEI ARTERS INPUT
		3600)	NT (3) KITS	NRECUI	ONREC	ORDER	INER	-EQUI.		10N OI	83	101	70	83	62	NSTAL	OST (I	MAY 1		T-DATI Y-DATI	ATION SCI QUARTERS INPUT OUTPUT	ATION SCH QUARTERS INPUT OUTPUT	ATION SCH QUARTERS INPUT OUTPUT
		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIP NONREC	CHANGE ORDERS DATA '	SIM/TRAINER	SUPPORT-EQUIP MOD OF SPARES	250	INSTALLATION OF HAKDWAKE	FY-92	FY-94	FY-97	FY-98	FY-99	TOTAL INSTALL QTY/COS	TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE		CONTRACT-DATE (QTR/FY DELIVERY-DATE (QTR/FY	INSTALLATION SCHEDULE QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE QUARTERS INPUT OUTPUT
		R	PROC	Z 5	ផ្	ర్ ద్	SI	SC MC	ö	INSI	. F	FY	F	F	Œ	TC	T	E F	:	5 E	I	î1	Į,

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P PE 0207134F TEAM POWER MODIFICATION OF AIRCRAFT FY 1998 PROGRAM CENTER: WR-ALC FY 1998 PB MODIFICATION TITLE AND NO: LG WIRING/SWITCHES MN-16628E MODELS OF AIRCRAFT AFFECTED: F-15E DATE 02/14/97

DESCRIPTION/JUSTIFICATION: Modifies landing gear to encapsulate wiring; installs new design proximity and weight on wheels switches to latest configuration, as installed on A-D aircraft.

AIRCRAFT BREAKDOWN: Active -- 135 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)			i -		1	1					!	
PROCUREMENT (3010)												
INSTALL KITS									135	3.5		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
250										0.1		
INSTALLATION OF HARDWARE												
FY-99 135 KITS											(132)	1.2
	1	1 1 1 1 1 1 1 1 1	1	1						1	1	
TOTAL INSTALL QTY/COST											135	1.2
			1 1 1	1111111	1	1 1 1 1 1 1 1	1111	1 1 1 1 1 1	1	1 1 1 1	!	
TOTAL COST (BP-1100)									135	3.7		1.2
(TOTALS MAY NOT ADD DUE TO	0	ROUNDING.)										
METHOD OF IMPLEMENTATION:	F	INSTALLATION DEPOT/FIELD TEAM	DEPOT/FI	ELD TEAM	ì	T OM TH	7 T. W. C. W.	SUBMON C1 SATE GREET NO MOTTES				
	INITIAL	INITIAL LEAD TIME 12 MONTHS	- 12 MONI	HZ	ĭ	JLLOW-UN LE	AD LIME	T T WONIE	n			

(CONTINUED)

FACT SHEET: F-15 MN-16628E LG WIRING/SWITCHES PROJECTED FINANCIAL PLAN (CONTINUED)

	,									
AMT	-	3.5	0.1	1.2	1.2	4.9			3 4 4 33 4 34	
TOTAL	! ! !			1					FY-00 2 3 34 34 34 34	
T	! ! !	135		(135)	135	135			34 E	
AMT									3.4	
o come	1								FY-99 2	
QTY				1					H	
3 AMT									3	
FY-03	} }						FY-01		FY-98 2	
QTY	!						FY-00		era	
.02 AMT) 1 1 1 1 1	FY-99 F		κ 4	
FY-02 QTY	1					! ! !			FY-97 2	
E	1					! 			7	4
FY-01 AMT	1					IDING.)	FY-97		က	m
FI						TO ROU	FY-96		FY-96 2	FY-01 2
			DWARE	S	//cosT	TOTAL COST (BP-1100) (TOTALS MAX NOT ADD DUE TO ROUNDING.)		rR/FY) rR/FY)	SDULE:	sDULE: 1 33
	(0)	(3010) TS CUR (EC	ir juip 1 of haf	S KITS	YALL OTY	(BP-11		ATE (Q1	ATION SCHE QUARTERS INPUT OUTPUT	ATION SCHE QUARTERS INPUT OUTPUT
	RDT&E (3600)	FROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	DALA SIM/TRAINER SUPPORT-EQUIP OGC INSTALLATION OF HARDWARE	FY-99 135	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 3
	RDĴ	PROCURE INSTA KITS EQUIP EQUIP CHANG	SIM/ SUPP OGC INSTAL	FY-	TOI	101)T)		COP	IN	IN

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: WING FUEL TRANSFER PUMP MN-16701B FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15A/B/C/D

TEAM AIR

PE 0207130F

DESCRIPTION/JUSTIFICATION: Both wings/aircraft contain fuel transfer pumps which maintain a steady flow of fuel from the wing/aircraft. If one of the pumps fail, pilot has no indication. Failed transfer pump allows excessive fuel imbalance to rapidly develop, causing a wing heavy condition. If pilot fails to realize condition, he may exceed angle of attack and lose control of aircraft. In this attitude flight controls no longer function. Three mishaps of this nature have occurred, with loss of one aircraft documented. Incorporates a warning indicator to the cockpit to alert the pilot. There will be two current monitors attached to the pump wiring assembly running to the cockpit and four added for each aircraft.

CENTER: WR-ALC

AIRCRAFT BREAKDOWN: Active -- 418 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				 							! ! ! !	
PROCUREMENT (3010)												
INSTALL KITS	531	4.6										
KITS NONRECUR	4	0.3										
EQUIPMENT	(531)	0.4										
EQUIP NONREC	(4)											
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER	(23)	2.5										
SUPPORT-EQUIP		0.1										
MOD OF SPARES	(89)	0.1										
INSTALLATION OF HARDWARE												
FY-89 135 KITS												
FY-90 98 KITS	(233)										٠	
FY-92 104 KITS	(104)	1.6										
FY-93 97 KITS	(64)	1.5										
FY-94 101 KITS			(101)	1.9								
		1			1 1 1		1 1 1	1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1	 	1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST		3.1	101	1.9			:					
TOTAL COST (BP-1100)	535	11.3										
(TOTALS MAY NOT ADD DUE TO	_	ROUNDING.)	E-001110									
Mennon of the benefit and	INITIAL I	TIAL LEAD TIME 24 MONTHS	- 24 MON1	SHJ	Ä	FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME .	12 MONTH	S			

		1	98 40	1122	9 W Q	10	. 0		4 37 39	
	AMT		4.6 0.3 0.0	0.2 2.5 0.1 0.1	1.6	5.0	13.2		39 39	
	TOTAL						;		FY-93 2 39 39	
	OTY		531 4		(233) (104) (97) (101)	535	535		1 39 20	
	£					:			4 20 5	4
	OMP AMT					i : :		! ! !	2 2 2	3
	TO COMP	!			•			! !	FY-92 2	FY-97 2
	QTY					i ! !	FY-96	 	1 1	1 23
	AMT					 	FY-95	·	1 1 1	4 0
	FY-03					ī ! ! ! ! !	} 		1 3 5	۳ و
	FY- QTY					; ; ;	 FY-94	1/95	FY-91 2 2	FY-96
	à	i				i 1	 FY-93	4/942/95	-	4 0
	AMT	 					!	4/2/2/	4	4.0
	FY-02	1 1 1				-		1/92 1/94	е 0	ک د د
		t : :				! !	ŀ	•	FY-90 2	FY-95
		i					FY	1/91	H	۲ ;
NOED)	AMT					i ! !	ING. }	1/90	4	4.0
(CONTINUED)	FY-01	İ				•	JNDING		e O	
							rotal cost (BP-1100) (Totals May Not ADD DUE TO ROUNDING.) HILESTONES FY-89 FY-9	4/89	FY-89	FY-94
PLAN				ب 1		OST	DUE	FY) FY)	LE:	LE:
NCIAL			6	3 0 KMC 0 KU	KITS KITS KITS KITS KITS	QTY/C	-1100 T ADD	(QTR/	CHEDU S T	CHEDU S
FINE		(00)	(301 ITS ECUR REC	DERS ER QUIP ARES	135 98 104 97	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS
PROJECTED FINANCIAL PLAN		RDT&E (3600)	OCUREMENT (30) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	3 1 1	L INS	TOTAL COST (TOTALS MA) MILESTONES	RACT-	ALLAT QU	ALLAT QU
PROJ		RDT&	INSTALL KITS INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	FY-89 FY-90 FY-92 FY-93 FY-94	TOTA	TOTA (TOT) MILE	CONT	INST.	INST

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

MN-19203A MODIFICATION TITLE AND NO: F100-220E ENGINE UPGRADE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15

MODELS OF AIRCRAFT AFFECTED: F-15

CENTER: WR-ALC

TEAM AIR

PE 0207130F

organizational scheduled inspections, 43% reduction in base /EFH and 86% increased availability. Benefits include avoidance of six class a mishaps. Operational benefits include 32% faster idle-to-max transfent, normal 10% thrust improvement, full envelope capability, unrestricted throttle movement, automatic secondary control and 225 knot air start capability. Mod saves \$2.4M in 06M costs. No depot install funds required. Commodity mod. DESCRIPTION/JUSTIFICATION: Modifies the F100 engine to the 220 configuration. -220E includes the core, gear pump and DEEC control system. It will be an equivalent to the new production -220 engine. Maintenance benefits include no engine trim, automated diagnostics, 23% fewer

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	ANCIAL PLAN	i	Ç	i		i	r	ì	9	i	ç	į	G	
			PRIOR	OTY	AMT	er-9 OTY	AMT				AMT		AMT	
RDT&E (3600)	_	! ! !	; ; ; ; ;	i 	! ! ! !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	1 1 1 1	; ; ; ; ;	\$ \$ 1	 	 	! ! ! ! !	
PROCUREMENT (3010) INSTALL KITS	3010)													
KITS NONRECUR	¥	23	17.3			20	19.0	18	18.2	8	18.8	33	35.1	
EQUIP NONREC	•	1)			ì		ì))	i		:	!	
CHANGE ORDERS	S													
DATA														
SIM/TRAINER														
SUPPORT-EQUIP	ď					(1)	0.5	(2)	1.1			1)	1.1	
MOD OF SPARES) Si	(15)	13.3			(10)	3.8	(11)	3.7	(6)	3.8	(16)	7.1	
000							0.2		0.2		0.2		0.2	
INSTALLATION OF HARDWARE	OF HARDWARE													
FY-93 3	KITS													
FY-94 18	KITS													
FY-97 20	KITS													
FY-98 18	KITS													
FY-99 18	KITS													
FY-00 33	KITS													
FY-01 54	KITS													
FY-02 70	KITS													
FY-03 60	KITS													
						i		!	1	1				
TOTAL INSTALL QTY/COST	'I QTY/COST													
ESCO TATOR	11001	2.1	308		1		23.5	1.8	23.2	1 8	22 B	33	43.5	
/TOTALS MAY	(TOTALS MAY NOT AND DIR TO BOHNDING)	TO BOTINE	אדע (ייבואדר)) 1	;	;) 1) 1 1) >) •	
METHOD OF IN	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT OVERHALL.	INSTA	ALL'ATTON	DEPOT OVER	SHAIII.									
10 2011	_	NITTINI	THE TOTAL TENE 12 MONTHS	12 MONTHS		104	THE NOTE OF	. TME	FOLLOW-ON LEAD TIME 12 MONTHS					
	-	T TUTTIN	DEAD LINE	TE ENVISOR	0	1	10. 10.	7	17 1301111	0				

UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: F-15 MN- PROJECTED FINANCIAL PLAN	F-15 M ANCIAL PLA	192	TINC	.220E EN	F100-220E ENGINE UPGRADE	GRADE				8	(CONTINUED)		
		FY-01	-01		FY-02		FY-03	•	TO	TO COMP		TOTAL	
		QTY	AMT	QTY		AMT (OTY	AMT	QTY	AMT	QTY		AMT
RDT&E (3600)						i							
PROCUREMENT (3010)	10)												
INSTALL KITS													
KITS NONRECUR													
EQUI PMENT		54	58.3	70		77.5	90	78.9			25	294 3	323.1
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP								0.3					3.0
MOD OF SPARES		(25)	11.7	(08)		~	10)	14.6					73.4
290			0.2			0.2		0.5					1.6
INSTALLATION OF HARDWARE	HARDWARE												
FY-93 3	KITS												
	KITS												
FY-97 20	KITS												
FY-98 18	KITS												
FY-99 18	KITS												
FY-00 33	KITS												
FY-01 54	KITS												
FY-02 70	KITS												
FY-03 60	KITS												
		1	1	1									
TOTAL INSTALL QTY/COST	QTY/COST												
		!!!!!	1	1 1									!!!!!!!
TOTAL COST (BP-1100)	P-1100)	54	70.1	70		93.0	9	94.3			294		401.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	OT ADD DUE	TO ROUND	ING.)										
		FY-93	FY-94	FY-95	FY-96	FY-97	FY~98	FY-99	FY-00	FY-01	FY-02	FY-03	
				-									
CONTRACT-DATE (QTR/FY)	(QTR/FY)	3/95	3/95			3/97	1/98	1/99	1/00	1/01	1/02	1/03	
DEDT VENT - LINE	177117	200	20.00			0 / 0	21.00	7 ^ 7	T / / T	7/ 04	7001	F / /T	

PAGE 029-15 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB MODIFICATION TITLE AND NO: MSOGS MN-197500

CLC F-15

DESCRIPTION/JUSTIFICATION: Replaces the current Liquid Oxygen System (LOX) with On-Board Oxygen Generating System (DBOGS). Reduces maintenance actions required for flight and reduces the logistics support required for the F-15E. AF version differs from Navy version because it contains a backup oxygen system and an improved oxygen sensor to preclude freezing at 22 degrees. PE 0207134F TEAM POWER CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: F-15E

AIRCRAFT BREAKDOWN: Active -- 128 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN	PR] QTY	PRIOR AMT	FY-96 QTY	96 AMT	FY	FY-97 AMT	FY OTY	FY-98 AMT	FY	FY-99 AMT	FY	FY-00 AMT
RDT&E (3600)												
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	128	10.2										
EQUIP NONREC CHANGE ORDERS DATA												
SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE												
FY-92 55 KITS (FY-93 24 KITS (55)	1.3										
FY-94 49 KITS	.		(49)	1.4								
TOTAL INSTALL QTY/COST	79	2.1		1.4								
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO METHOD OF IMPLEMENTATION: INIT		128 12.3 TO ROUNDING.) N: INSTALLATION COMBINATION INITIAL LEAD TIME 18 MONTHS	COMBINAT	1.4 ION HS		OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	ω			

*	
IFIED	
NCLASS	
₹ *	

(CONTINUED)

FACT SHEET: F-15 MN-197500 MSOGS PROJECTED FINANCIAL PLAN (CONTINUED)

1	AMT		10.2		۲.	0.8	3.5	13.7			4	12
TOTAL	AMT		н				3.5	13.7		96-X÷	2 3	12 12
	OTY 		128		55)	24)	128	128		FY-	7	13 12 13 12
,	·				~			•			4	12 12
Q.	AMT										က	12
TO COMP	•									FY-95	2	18 18
į	OTY						-	 			П	18
	AMT										4	10
FY-03	1						İ	i !		94		œ œ
	OTY							 		FY-94	1 2	
									FY-96		₹7	1
FY-02	AMT								FY-95		ო	-
	OTY						!	1 f t t		FY-93	8	
,	•							-	FY-94 4/94 1/96		7	
	AMT						1 1 1 1 1	ING.)	FY-93 4/94 3/95		4	
FY-01	i							NIGNOC	A	92	e	
ļ	OTY							TO ROL	FY-92 4/92 2/94	FY-92	8	
					HARDWARE KITS	KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) TOTALS MAY NOT ADD DUE TO ROUNDING.)	CONTRACT-DATE (QTR/FY) DELLUERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	-	
		(0)	(3010) TE SCUR	DERS	QUIP N OF HI		PLL O	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	ATE ((ON SCI	QUARTERS	INPUT
		RDT&E (3600)	OCUREMENT (30) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP STALLATION OF FY-92 55		L INST	TOTAL COST (TOTALS MA) MILESTONES	RACT-E VERY-E	ALLATI	ŏnō	O
		RDT&	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT FOLID NONDEC	CHANG DATA SIM/1	SUPPORT-EQUIP INSTALLATION OF FY-92 55	FY-93 FY-94	TOTA	TOTA (TOT MILE	CONT	INST		

PAGE 029-17
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

MODIFICATION TITLE AND NO: GPS MN-3150E FY 1998 PB

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

TEAM POWER

PE 0207134F

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: F-15E

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide suitably equipped host vehicles with highly accurate jam, three dimensional, position, velocity, and worldwide in all weather to improve mission effectiveness. Includes AIU. Program changed from MAGR to EGI.

AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0

CENTER: WR-ALC

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN												
	Ы	PRIOR	FY.	FY-96	FY-97	.97	FY-	FY-98	FY-	FY-99	FY	FY-00
		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	; ; ; ;	! ! ! ! !	: : :	1.6	 - - 		! ! ! !	i i i i i i	! ! !		 	1 1 1 1 1 1
PROCUREMENT (3010)			ć	,	,		ć	•	ć	ć		
INSTALL KITS KITS NONRECUR	m		20	1.0	81	0.4	87	2.4	28	2.3		
EQUIPMENT	•		(20)	1.6	(18)	5.8	(82)	11.3	(08)	6.4		
EQUIP NONREC	(2)	0.4		0.2								
CHANGE ORDERS												
DATA								0.2				
SIM/TRAINER				0.3								
SUPPORTEQUIP						0.3		0.3				
TOOLING				0.1								•
250						0.2		0.1		0.3		
INSTALLATION OF HARDWARE												
FY-94 3 KITS			(3)	0.3								
FY-96 20 KITS												
FY-97 18 KITS							(16)	1.0	(4)	0.2		
FY-98 82 KITS									(11)	3.2	(01)	0.7
FY-99 80 KITS											(69)	3.1
TOTAL INSTALL OTY/COST					-		16	0	7.5	3.4	7.9	3.7
ico /iiă muicur muici	1 1	!	7 !	0 1	1	1	9		1 1	7 1	2	. !
TOTAL COST (BP-1100)	e	8.9	20	3.4	18	6.7	82	15.3	80	12.4		3.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	E TO ROUR	NDING.)										
METHOD OF IMPLEMENTATION:	ON: INST	N: INSTALLATION DEPOY/FIELD TEAM INITIAL LEAD TIME 15 MONTHS	- DEPOT/F1	ELD TEAM	Ğ	T. NO-WOLL	י שאדיר המז	EOLIOW-ON LEAD TIME 12 MONTHS	Ş.			

(CONTINUED)	TOTAL QIY AMT	200 6.1 3 8.5 25.1	0.2 0.3 0.6 0.1	(20) 1.2 (81) 3.9 (91) 4.9			FY-98 4 1 2 3 4 4 4 4 4 4	
00)	TO COMP QTY AMT					FY-01	FY-97 1 2 3 3	
	FY-03 Y AMT					FY-99 FY-00 1/99 1/00	FY~96 2 3 4 3	FY-01 2 3 4 15 15 15
	AMT QTY					FY-98 1/98 1/99	4	4 1 19 15 20 19
	EY-02 QTY					EY-96 FY-97 1/96 1/97 1/97 1/98	FY-95	FY-00 1 2 3 20 20 20 18 20 20
OE GPS	FY-01 AMT			α -		94 FY-95	3 4	99 3 4 19 18 19 19
-315	QTV			HARDWARE KITS KITS KITS KITS KITS KITS KITS	/cosr 30 00) DD DUE TO ROO	FY-94 R/FY) 2/94 R/FY) 4/96	DULE: FY-94 1 2	DULE: FY-99 1 2 19 19 4 19
FACT SHEET: F-15 MN- PROJECTED FINANCIAL PLAN	RDT&E (3600)	PROCUREMENT (3010) INSTPALL KITS KITS NONECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP TOOLING OGC	LATION OF 4 3 6 20 7 18 8 82	INSTALL COST (BP	MILESTONES CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 029-19 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a spaced based radio navigation system that will provide suitably equipped host vehicles with highly accurate, jam-resistent, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 433 RES -- 0 ANG -- 117 TEAM AIR PE 0207130F CENTER: WR-ALC MODIFICATION TITLE AND NO: NAVSTAR GPS MN-3150M MODELS OF AIRCRAFT AFFECTED: F-15C/D

DEVELOPMENT STATUS: MCAIR study, Mar 91.

PROJECTED FINANCIAL PLAN												
	PR.	PRIOR	FY-96	96	FY	FY-97	F	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
KITS NONRECUR		2.1										
EQUI PMENT				1.2								
EQUIP NONREC		6. 9		9.0								
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOOLING												
250												
INSTALLATION OF HARDWARE												
	1				!	1		1 1 1 1 1 1	1	1 1 1 1 1 1 1 1	!!!!!	1
TOTAL INSTALL QTY/COST												
	1	# # # # # # # # # # # # # # # # # # #	!!!	1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1	1	1	1 1 1 1 1 1 1	1	
TOTAL COST (BP-1100)		6.8		1.7								
(TOTALS MAY NOT ADD DUE	TO ROUNDING.)	DING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION COMBINATION	COMBINAT	ION								
Ι	INITIAL	INITIAL LEAD TIME 15 MONTHS	- 15 MONT	HS	Ē	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	EQ.			

	I. AMT		2.1	•				1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	10.6				
	TOTAL							-	i					
INUED)	T							1						
(CONTINUED)	TO COMP							1	1					
	TO QTY							! !	 					
	3 AMT							1						
	FY-03 QTY							11111						
	FY-02 AMT	 						1	1 1 1 1 1		FY-97	1 1	1/97 1/98	, , , ;
AR GPS	F	 						1	1 1 1		FY-96	!!!!!!	3/96 3/97	
OM NAVSTAR GPS (CONTINUED)	01 AMT	6 1 1 1 1 1						1		ING.)	FY-95	1		
-315	FY-01 QTY	<u> </u>						1		TO ROUND	FY-94	1	2/94	,
FACT SHEET: F-15 MN-PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIF NONREC CHANGE ORDERS	SIM/TRAINER	TOOLING	OGC INSTALLATION OF HARDWARE		TOTAL INSTALL OTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)			CONTRACT-DATE (QTR/FY) DELIVERY-DATE (OTR/FY)	מחוד אווי מייים

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: MSIP PROGRAM: C/D SERIES MN-3192 FY 1998 PB

MODELS OF AIRCRAFT AFFECTED: F-15C/D

CLC F-15

TEAM AIR

PE 0207130F

DESCRIPTION/JUSTIFICATION: Self-protection suites remained relatively unchanged since initial design radar flexibility exhausted, armament control set saturated, central computer saturated and store station interfaces are incompatible with new weapons. Provides tactical electronic warfare system (TEWS) update (includes ALR-56 RWR/ALQ-135 Jammer), new central computer, AMRAAM, programmable armament control system, split-screen cockpit TV sensor and all environment ID. ID portion to include beyond visual range capability through the use of dual mode recognition by circuit card changes in the APQ-63 Radar IRU.

CENTER: WR-ALC

AIRCRAFT BREAKDOWN: Active -- 304 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN		1	i	,	ì	į.	i	(i		i	(
		PRIOR		FY-96		FY-97		F.Y - 98		FY-99		FY-00
	OTY	AMT	OTY 	AMT	QTY	AMT	OTY 	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		235.0										
PROCUREMENT (3010)												
INSTALL KITS	300	101.3										
KITS NONRECUR	4	21.0										
EQUI PMENT	(304)	156.1										
EQUIP NONREC												
CHANGE ORDERS												
DATA		4.8										
SIM/TRAINER		26.6										
SUPPORT-EQUIP		10.2										
MOD OF SPARES		13.0										
TOOLING		6.2										
INSTALLATION OF HARDWARE	RE											
FY-87 127 KITS												
FY-89 30 KITS	(23)											
FY-90 42 KITS	(146)											
FY-91 36 KITS	(98)	21.8										
FY-92 39 KITS	(68)	22.8										
FY-93 16 KITS	(16)	11.1										
FY-94 14 KITS			(14)	9.5								
TOTAL INSTALL OTY/COST	 ST 290	55.7	14	9.2	! ! !	: : : : :	!!!!		 	 	!	1 1 1 1 1
		1	1		1		!	!	1 1		i ! !	1111111
TOTAL COST (BP-1100)	304	394.9		9.2								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	DUE TO ROU	NDING.)										
METHOD OF IMPLEMENTATION:	rion: ins	INSTALLATION DEPOT	- DEPOT									
	INITIAL	INITIAL LEAD TIME 24 MONTHS	24 MONT	SH	S.	FOLLOW-ON LEAD TIME 24 MONTHS	AD TIME .	24 MONTH	S			

	AMT	; ; ; ;	101.3 21.0	4.8 A.8	10.2 13.0 6.2	21.8 22.8 11.1 9.2	64.9		
	TOTAL	i i	300			23) 36) 39) 16)	304	FY-	! ! ! !
(CONTINUED)		! ! !	ĕ			(23) (146) (36) (39) (16) (14)	;	FY-96	
0)	TO COMP						; ; ; ; ;	FY-95	
	TO QTY					1 1 1 1	1	FY-94	1/94
) AMT						 	FY-93	1/93
	FY - (i !				; !	! ! !	-92	1/92
SB								-91	1/91
C/D SERI	FY-02 AMT	! ! ! ! !					3 3 3 3 4 4	FY-90	2/90
MSIP PROGRAM: C/D SERIES: :NUED)	QTY	 				1 1 1 1	1	FY-89	4/89 4/91
2 MSIP P (CONTINUED)	-01 AMT	 					! ! ! ! !	ING.) FY-88	3/89 3/91
-319	FY-01 QTY	 					! !	TO ROUND FY-87	1/86
AL PI			6			HARDWARE KITS KITS KITS KITS KITS KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) (ILESTONES FY-87 FY-8	(QTR/FY) (QTR/FY)
FACT SHEET: F-15 PROJECTED FINANCIA		3600)	NT (3010 KITS MRECUR	ONREC	-EQUIP	ION OF H 127 K 30 K 42 K 36 K 39 K 16 K	NSTALL C	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	r-DATE (
FACT SHI PROJECTE		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SUPPORT-EQUIP MOD OF SPARES TOOLING	FY-87 127 FY-89 30 FY-90 42 FY-91 36 FY-92 39 FY-93 16 FY-93 16	TOTAL IN	TOTAL COST (TOTALS MA) MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)

FACT SHEET: F-15 MN-3192 MSIP PROGRAM: C/D SERIES PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

2 9

2 8 9

0 0 0

PAGE 029-24
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

TEAM AIR PE 0207130F CLC F-15 CENTER: WR-ALC FY 1998 PB MODIFICATION TITLE AND NO: ALQ-135 MN-3192B MODELS OF AIRCRAFT AFFECTED: F-15C

DESCRIPTION/JUSTIFICATION: ALQ-135 Band 3 is an updated version of internal countermeasures jammer (detects, determines, takes action). AIRCRAFT BREAKDOWN: Active -- 305 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY

RDT&E (3600)

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT EQUIP NONREC

CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP

(216) ALQ-135

523.5 31.7 555.2 TOTAL COST (BP-1100) 555 (TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 16 MONTHS

FOLLOW-ON LEAD TIME -- 16 MONTHS

FACT SHEET: F-15 MN-319 PROJECTED FINANCIAL PLAN	MN-3192B ALQ-135 LAN (CONTINUED))2B ALQ-1 (CONTINUED)	135						(CONT.	(CONTINUED)	
	FY QTY	FY-01 AMT	QTY	FY-02 AMT		FY-03 QTY	AMT	TO QTY	TO COMP	TO QTY	TOTAL AMT
RDT&E (3600)	! ! !	} : : : :					 	! ! !	 	! !	
CCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC											
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP											
ALQ-135 ICS											523.5
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	JE TO ROUN	DING.)									556.5
	FY-89	FY-90	FY~91	FY-92	FY-93	FY-94	FY-95				
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	,			1/92 2/93	1/93 2/94	1/94 2/95	1/95 2/96				

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: F-15E

MODIFICATION TITLE AND NO: ALQ-135 P31

DATE 02/14/97

FY 1998 PB

CENTER: WR-ALC

MN-3192C

TEAM POWER PE 0207134F DESCRIPTION/JUSTIFICATION: Adds ALQ-135 Band 3.0 Countermeasures Jammer (determines, takes action). 90 F-15Es require modification. Remainder is Desert Storm payback to C model.

AIRCRAFT BREAKDOWN: Active -- 97 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 16 MONTHS AMT FY-98 QTY 61.9 1.7 63.6 AMT FY-97 26 56 QTY TOTAL COST (BP-1100) 61 (TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 6 MONTHS 20.2 AMT FY-96 10 QTY 147.3 AMT PRIOR 61 OTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS SIM/TRAINER SUPPORT-EQUIP RDT&E (3600) **EQUIPMENT**

PAGE 029-27
*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-3192C ALQ-PROJECTED FINANCIAL PLAN (CONTINUED)	MN-31 PLAN	192C (CON:	MN-3192C ALQ-135 P3I LAN (CONTINUED)	35 P3I						(CONTINUED)	NUED)		
		FY-01	01		FY-02		FY-03	ņ	TO	TO COMP	TO	TOTAL	
	Ö	QTY	AMT	QTY	AMT		QTY	AMT	QTY	AMT	YTQ	AMT	
RDT&E (3600)													
OCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR													
EQUI PMENT											97	229.4	
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP												,	
290												1.7	
	i		1 1 1 1 1 1 1 1		1 1 1 1		1 1 1 1 1		1	1 1 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	1 1 1		
TOTAL COST (BP-1100)											97	231.2	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	DUE TO	ROUND	ING.)										
MILESTONES													
	G	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97						
	i	1	!	1 1 1		1	[[]						
CONTRACT-DATE (QTR/FY)		1/92	1/93		1/95	2/96	2/97						
DELIVERY-DATE (QTR/FY)		2/32	2/94		5/96	3/97	3/98						

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

PE 0207134F TEAM POWER

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB MODIFICATION TITLE AND NO: 4TH ROBUST BLADE MN-6048

CENTER: WR-ALC

DESCRIPTION/JUSTIFICATION: Redesigned improved 4th stage turbine blade and disk. AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0

MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

THE PROPERTY AND LAND	i	4	i		i	r c	i	Ċ.	i		i	ç
	ž	PRIOR	FY-	FY-90	F.Y	F.I9/	F	F.I - 38	FY	F.I. – 9.9	F.X	F.Y-00
	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDI&E (3600)	!	1	! ! !	! ! ! !		 	!				!	
PROCUREMENT (3010) INSTALL KITS	23	1.3	21	1.2	48	1.6						
KITS NONRECUR EQUIPMENT FOIIT MONREC												
CHANGE ORDERS												
DATA				0.3		0.4						
SIM/TRAINER												
SUPPORT-EQUIP												
250						0.2						
INSTALLATION OF HARDWARE												
FY-94 23 KITS												
			(88)	0.1								
FY-97 48 KITS	1		1	1	1		1		1		!	
TOTAL INSTALL QTY/COST			38	0.1								
TOTAL COST (BP-1100)	23	1.3	21	1.6	48	2.2		1 1 1 1 1 1 1			! !	
(TOTALS MAY NOT ADD DUE TO	_	ROUNDING.)	THE DUTY	# # O								
METHOD OF THE BENEATION	H	IAL LEAD TIME 18 MONTHS	18 MONT	HS.	Œ	FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME	12 MONTE	5			

		!	4.1	0.7	0.2	0.1	0.1	! - !			
	TOTAL AMT		4	Ó	ó	0	0	5.1			
(CONTINUED)	TO. QTY		92			(38)	38	92			
(CON1	TO COMP										
	TO						 	! ! !			
	FY-03 AMT						***				96 3 4 38 38
	FQTY	! ! ! !					!				FY-96
ជ	FY-02 AMT								FY-97	1/97 1/98	3 4
4TH ROBUST BLADE NUED)	F QTY								FY-96	3/96	FY-95
8 4TH RC (CONTINUED)	FY-01 AMT							JING.)	FY-95		3
-604	FY					•		TO ROUNI	FY-94	2/95	FY-94 2
FACT SHEET: F-15 MN-PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR ÈQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER	RT-EQUIP	FY-94 23 KITS FY-96 21 KITS FY-97 48 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

EXHIBIT P3A CONGRESSIONAL

PE 0207134F TEAM POWER

MN-6054 FY 1998 PB MODIFICATION TITLE AND NO: HYBRID NOZZLE COKING

CENTER: WR-ALC

DESCRIPTION/JUSTIFICATION: Redesigned nozzle corrects coking of internal flow passages which results in better starting performance. AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0

MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE

DEVELOPMENT STATUS: RDT&E complete.

PROJECTED FINANCIAL PLAN

	Id	PRIOR	F	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		1	1			1	!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1	!	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			147	5.5	36	1.6	7	0.3			42	2.4
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
	1	1 1 1 1 1 1							1	1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)			147	5.5	36	1.6	7	0.3			42	2.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	UE TO ROUN	IDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	ION: INST	ALLATION	- ORG/INT	ERMEDIATE								
	INITIAL	INITIAL LEAD TIME 10 MONTHS	10 MON	THS	Œι	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 10 MONTHS	S			

FACT SHEET: F-15 MN-PROJECTED FINANCIAL PLAN	.605	4 HYBRID (CONTINUED)	HYBRID NOZZLE COKING INUED)	COKING					(CONTINUED)	NUED)	
	FY. QTY	FY-01 AMT		FY -		F.Y.	os Amt	TO QTY	TO COMP	TOI QTY	TOTAL AMT
RDT&E (3600)	1 		 								
COCUREMENT (3010) INSTALL KITS EQUIPMENT EQUIPMENT										232	9.8
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP											
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILEGRONES	E TO ROUN	JING.)	1 1 1 1							232	9.6
	FY-96	FY-97	FY-98	FY-99	FY-00						
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	3/96	1/97	1/98		1/00						

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC F-15 TEAM POWER

MN-6086 MODIFICATION TITLE AND NO: SUPER CONVECTIVE SHROUD

DESCRIPTION/JUSTIFICATION: Inadequate cooling of the 1st stage high pressure turbine blade outer airseal segments and support causing oxidation/erosion. Mod redesigns to use airfoil cooling concepts.

AIRCRAFT BREAKDOWN: Active -- 212 RES -- 0 ANG -- 0 PE 0207134F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE

DEVELOPMENT STATUS: Complete.

3.0 3.0 AMT FY-00 53 53 QTY 3,9 3.9 AMT FY-99 69 69 QTY 1.6 1.6AMT FY-98 30 30 QTY 1.2 AMT FY-97 22 22 QTY 0.5 0.5 AMT METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT OVERHAUL INITIAL LEAD TIME -- 10 MONTHS FY-96 16 16 OTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST KITS KITS KITS KITS PROCUREMENT (3010) EQUIPMENT EQUIP NONREC CHANGE ORDERS SUPPORT-EQUIP KITS NONRECUR INSTALL KITS RDT&E (3600) 22 30 69 53 26 9 7 SIM/TRAINER FY-98 FY-99 FY-00 FY-01 FY-96 FY-97 DATA

FOLLOW-ON LEAD TIME -- 10 MONTHS

	TOTAL AMT		5 11.7			11.7		
(CONTINUED)	QTY		216			216		
(CONT	TO COMP	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!				 		
	TO QTY	!				 		
	3 AMT					: 		
	FY-03 QTY	1				1 1 1 1	FY-01	1/01
Q	AMT	1					FY-00	1/00
VE SHROU	FY-02 Ah	:					FY-99	1/99 4/99
SUPER CONVECTIVE SHROUD (NUED)	QTY					! ! !	FY-98	1/98 4/98
6 SUPER (01 AMT		1. v.			1.5 ING.)	FY-97	1/97 4/97
-608	FY-01 QTY		26			 26 TO ROUND	FY-96	3/96 3/97
1 E			INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM'TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-96 FY-96 SY-96 KITS FY-99 KITS	KITS KITS	TOTAL INSTALL QTY/COST	rotal cost (BP-1100) 26 (TOTALS MAY NOT ADD DUE TO ROUNDING.)	į	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)
FACT SHEET: F-15 PROJECTED FINANCIA		(0)	(3010) (175 (175 (175 (175 (175 (175 (175 (175		ALL O	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	;	ATE (: ATE ((
SHEET		RDT&E (3600)	CCUREMENT (30 INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUMPFORT-EQUIP SITALLATION OF FY-96 FY-97 FY-99 FY-99 FY-99 FY-99		, INST	TOTAL COST (TOTALS MA) MILESTONES	;	tact-e tery-d
FACT		RDT&E	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM'TRAINER SUPPORT-EQUIP INSTALLATION OF HA FY-96 FY-99 KI FY-99 FY	FY-00 FY-01	TOTAL	TOTAL (TOTA MILES		CONTR

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

EXHIBIT P3A CONGRESSIONAL

TEAM POWER

PE 0207134F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P FY 1998 PB MODIFICATION TITLE AND NO: EAGLE 229 HPT OD FLOWPATH MN-6141

DESCRIPTION/JUSTIFICATION: Configure OD flowpath to eliminate potential for recirculation by modifying diffuser case and adding spoolcase. AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0

CENTER: WR-ALC

MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE

DEVELOPMENT STATUS: N/A.

FV-00 PV-00 5 PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL PLAN		PRIOR	FY	FY-96	FY-	FY-97	FY	FY-98	FY.	FY-99	FY-00	00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		AMT
RDT&E (3600)	! ! !	! ! ! !	•	1	1	 	! ! !		: : : :	 	! ! ! !	
PROCUREMENT (3010) INSTALL KITS			16	0.4	22	6.0	30	1.2	69	2.7	53	2,3
KITS NONRECUR EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP				0.4								
INSTALLATION OF HARDWARE												
FY-96 16 KITS					(16)							
FY-97 22 KITS							(22)	0.1				
FY-98 30 KITS									(06)	0.1		
FY-99 69 KITS											(69)	0.1
FY-00 53 KITS												
FY-01 26 KITS												
		1 1 1 1 1 1	1	! ! ! !		1	1 1 1					,
TOTAL INSTALL QTY/COST					16		22	0.1	30	0.1	69	
			1	1	1 :		; ;	1 1	!			'
TOTAL COST (BP-1100)			16	0.8	22	0.9	30	1.2	69	2.8	23	2.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO RO	UNDING.)										
MOTHER OF TANKTHARMETON TANGENTALON		THE TAME	MOTHRIVE	TON								

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

(CONTINUED)	TOTAL QTY AMT		216 8.5	0.4			216 0.4	216 9.4		FY-00 1 2 3 4 18 17 17 17 18 17 17 17	
(CONT.	TO COMP QTY AMT									FY-99 1 2 3 4 8 8 7 7	
	FY-03 QTY AMT	1) FY-01 FY-02	1/01	FY-98 1 2 3 4 6 6 5 5 6 6 5 5	
EAGLE 229 HPT OD FLOWPATH (NUED)	FY-02 QTY AMT						26 0.1	0.1 FY-98 FY-99 FY-00	1/98 1/99 1/00 4/98 4/99 4/00	FY-97 2 3 4 8 8	FY-02 2 3 4 13 13
MN-6141 EAGLE 229 .AN (CONTINUED)	FY-01		26 1.1				ı	1.2	4/96 1/97 1/ 3/97 4/97 4/	FY-96 2 3 4 1	FY-01 2 3 4 1 13 13 13 13 13 13 13 13 13
FACT SHEET: F-15 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	30	FY-00 53 KITS (FY-01 26 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 26 (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: 1 QUARTERS 1 INPUT 14 OUTPUT 14

PAGE 029-36
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

FY 1998 PB DATE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

CLC F-15

DESCRIPTION/JUSTIFICATION: Excessive -100 engine maintenance down time and inflight operational failures have resulted in 180 mission aborts in 1885, 92 of these missions were deemed failures due to engine malfunctions while inflight. Excessive time in repair at bases and depot and continued inflight failures have magnified the -100 engine shortages. The F-15 C/D aircraft require wiring and ballast changes to adapt the latest engine configuration, the -220 to the aircraft. The aircraft will then be able to meet upcoming force restructure plans. Mod will will allow use of either -100 or -220 engine. It will not result in any additional engines being purchased. TEAM AIR CLASS P PE 0207130F CENTER: WR-ALC MODIFICATION TITLE AND NO: 100/220 ENGINE INTERCHANGEABILITY MN-65042B MODELS OF AIRCRAFT AFFECTED: F-15 A/B/C/D

AIRCRAFT BREAKDOWN: Active -- 332 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN	ANCIAL PLAN	PRIOR QTY	OR AMT	FY-96 QTY	96 AMT	FY- QTY	FY-97 AMT	FY- QTY	FY-98 AMT	FY	FY-99 AMT	fY QTY	FY-00 AMT
BDT&E (3600)	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		!	1		!			1		1	
PROCUREMENT (3010)	3010)												
INSTALL KITS		446											
KITS NONRECUR	JR	3 446)	0.0										
EQUIP NONREC	0	3)											
CHANGE ORDERS	3S												
DATA			0.2										
SIM/TRAINER	•	7	0.5										
SUPPORT-EQUIP	TP												
MOD OF SPARES	SE SE	(772)											
INSTALLATION OF HARDWARE	OF HARDWARE						٠						
FY-90 70	KITS ((0/											
FY-91 81	KITS ((81)	1.6										
FY-92 27	KITS ((72)	0.4										
FY-93 197	KITS ((197)	2.8										
FY-94 74	KITS ((51)	1.4	(23)	0.4								
TOTAL INSTALL QTY/COST	LL QTY/COST	426	6.2	23	0.4	1	 	1 ! !	[i i i i			
TOTAL COST (BP-1100)	(BP-1100)	449	11.8	! ! !	0.4	! ! !		<u> </u>	i ! ! !	1	 	 	
(TOTALS MAY	(TOTALS MAY NOT ADD DUE TO	0	ROUNDING.)										
METHOD OF II	METHOD OF IMPLEMENTATION: IN		N: INSTALLATION DEPOT/FIELD IEAM INITIAL LEAD TIME 12 MONTHS	DEFOT/FI - 12 MONT	ELU TEAM	Ğ.	OLLOW-ON LE	SAD TIME -	FOLLOW-ON LEAD TIME 12 MONTHS	တ			

*** UNCLASSIFIED *** PAGE 029-37

OTY AMT OTY AMT OTY TO ROUNDING.) FY-90 FY-90 FY-90 FY-90 FY-91 FY-90 FY-91 FY-90 FY-91 FY-91 FY-91 FY-92 FY-93 FY-94 FY-95 FY-97 FY-97 FY-97 FY-97 FY-97 FY-97 FY-97 FY-97 FY-95 FY-97		FY	FY-01		FY-02		FY-03	Ę.	Ĭ	TO COMP			TOTAL,	
E TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-91 1/94 1 2 3 4 1 2 3 4 1 2 1 3 4 1 2 3 4 1 2 1 3 4 1 2 3 4 1 2 1 5 5 9 32		QTY		Ö	!		OTY		QTY	Te .	AMT	QTY		AMT
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-90 FY-91 TY-91 TY-92 TY-92 FY-90 FY-90 FY-91 TY-91 TY-92 FY-90 FY-90 FY-91 TY-91 TY-92 FY-90 FY-90 TY-91 TY-92 FY-90 FY-90 TY-91 TY-92 FY-90 TY-91 TY-92 FY-90 TY-92 TY-93 TY-94 FY-92 TY-92 TY-93 TY-94 FY-95 TY-95 TY-96 TY-96 FY-95 TY-96 TY-96 FY-95 TY-96 TY-97 FY-97 TY-97	RDT&E (3600)			<u>.</u>	<u> </u>						! !	! ! ! !		
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-90 3/91 3/92 1/95 1/95 FY-90 FY-91 5 3 4 1 2 3 4 1 2 5 9 32 35 FY-95 FY-95 5 4 1 2 3 4 1 2 5 9 32 35	BOCUREMENT (3010)													
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 4/92 3/93 1/95 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-95 FY-95 FY-97 FY-90 3/91 3/92 1/94 FY-90 FY-91 FY-95 FY-95 FY-97 FY-90 3/91 3/92 1/95 FY-90 FY-91 FY-95 FY-97 FY-90 3/91 3/92 3/93 FY-95 FY-97 3 4 1 2 3 4 1 2 3 4	THOUGHT WING											:		
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-90 3/91 3/92 1/95 1/95 FY-90 3/91 1/95 1/95 FY-90 FY-91 FY-92 FY-94 FY-95 FY-96 FY-91 1 2 3 4 1 2 3 4 1 2 5 9 32 35 FY-95 FY-95 FY-97 3 4 1 2 3 4 1 2 5 9 32	THOUTH WITO											440	•	3,5
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-91 FY-91 FY-92 FY-90 FY-91 FY-91 FY-92 FY-90 FY-91 FY-91 FY-95 FY-95 FY-96 FY-90 3/93 1/95 1/95 FY-90 FY-91 FY-96 FY-95 FY-97 FY-90 3/93 1/95 1/95 FY-95 FY-97 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 3 3 3 4 1 3 3 3 3 4 3 3 3 3 3 3	KITS NONRECUR											m		6.0
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 4/92 3/93 1/95 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-95 1/95 FY-90 FY-91 FY-95 FY-97 FY-95 FY-97 A 1 2 3 4 1 2 5 9 32 35 FY-95 FY-95 A 1 2 3 4 1 2 3 4 1 2 3 4	EQUIPMENT													0.5
FY-90 FY-91 FY-92 FY-94 FY-95 FY-96 FY-97 FY-90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 1/95 1/95 1/95 1/95 1/95 1/95	EQUIP NONREC													0.0
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 A/91 A/92 3/93 1/95 1/95 1/95 FY-90 FY-91 EY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-90 FY-91 A/91 A/92 3/93 1/95 1/95 1/95 1/95 1/95 1/95 1/95 1/95	CHANGE ORDERS													
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 BY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-90 3/91 3/92 1/95 1/95 FY-90 FY-91 FY-91 FY-95 FY-97 FY-90 FY-91 FY-95 FY-97 FY-95 FY-95 FY-97 A 1 2 3 4 1 2 5 9 32	DATE CONTROL													Ġ
FY-90 FY-91 FY-92 FY-94 FY-95 FY-96 FY-97 FY-90 3/91 3/92 1/94 1/95 1/95 1/95 1/95 1/95 1/95 1/95 1/95	DAIA													0.2
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 A/91 A/92 3/93 1/95 1/95 1/95 FY-90 FY-91 EY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-90 FY-91 A/91 A/92 3/93 1/95 1/95 1/95 FY-90 FY-90 FY-91 A/92 3/93 1/95 1/95 1/95 FY-95 FY-96 FY-97 A 1 2 3 4 1 2 5 9 32 35 1 2 3 4 1 2 3 4 1 2 5 9 32 35 1 2 3 4 1 2 3 4 1 2 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 3 3 3 3	SIM/TRAINER													0.5
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 BY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-90 3/91 3/92 1/95 1/95 FY-90 FY-91 FY-91 FY-95 FY-97 FY-90 FY-91 FY-95 FY-97 FY-95 FY-95 FY-97 A 1 2 3 4 1 2 3 4	SUPPORT-EQUIP													
FY-90 FY-91 FY-92 FY-94 FY-95 FY-96 FY-97 FY-90 3/91 3/92 1/95 1/95 1/95 1/95 1/95 1/95 1/95 1/95	MOD OF SPARES													0.0
TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-90 FY-91 1/95 1/95 FY-90 FY-91 1/95 1/95 FY-90 FY-91 1/95 1/95 FY-90 FY-91 1/95 1/95 FY-90 FY-91 1/95 1/95 FY-92 3 4 1 2 3 4 1 2 5 9 32 35 FY-95 FY-95 1/95 1/95	HARDILLATION OF HARDWARE													5
E TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 5 9 32 35 FY-95 FY-96 FY-97 1 2 3 4 1 2 5 9 32 35	EV-00 20 VT-15											2		
FY-90 FY-91 FY-92 FY-94 FY-95 FY-96 FY-97 A/91 A/92 3/93 1/95 1/95 1/95 1/95 1/95 1/95 1/95 1/95	2 ;											6		
E TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 5 9 32 35 FY-95 FY-95 FY-96 FY-97 A 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 3 3 3 4 1 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 3 3 3 3	81											(81)		1.6
E TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-97 FY-90 FY-91 FY-95 FY-97 1 2 3 4 1 2 3 4 1 2 5 9 32 35 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4	27											(72)		0.4
E TO ROUNDING.) FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 1/94 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 2 3 9 32 35 FY-95 FY-95 FY-96 FY-97 1 2 3 4 1 2 5 9 32 35	197			*								(197)		2.8
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 A/91 A/92 3/93 1/95 1/94 1 2 3 4 1 2 5 9 32 35 FY-95 FY-95 SY-97 A/91 2 3 4 1 2 5 9 32 35 FY-95 FY-95 FY-96 FY-97 A/91 2 3 4 1 2 5 9 32 35 FY-95 FY-95 FY-96 FY-97 A/91 A/92 A/92 A/92 A/92 A/92 A/92 A/92 A/92	74											74)		1 7
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-90 3/91 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-90 3/91 1/95 1/95 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-97 FY-90 3/91 1/95 1/95 FY-95 FY-97 FY-96 FY-95 FY-97 A 1 2 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 3 4	•	1		1		1	1	!			!			
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-93 FY-90 FY-91 3/92 1/94 1/94 1/94 1/95 1/95 1/95 1/95 1/95 1/95 1/95 1/95	TOTAL INSTALL QTY/COST											449		6.5
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 4/90 3/91 3/92 1/94 1/94 4/91 4/92 3/93 1/95 1/95 FY-90 FY-91 FY-92 1/94 FY-90 FY-91 1/2 3 4 1 2 3 4 1 2 3 4 1 2 1 2 3 4 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			٠				1	!	-	1	1
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-97 FY-90 3/91 3/92 1/94 1/95 1/95 1/95 1/95 1/95 1/95 1/95 1/95	TOTAL COST (BP-1100)											449		12.2
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-97 FY-90 FY-91 FY-92 FY-92 FY-92 FY-92 FY-93 FY-93 FY-93 FY-93 FY-93 FY-93 FY-93 FY-93 FY-93 FY-93 FY-95 FY-95 FY-95 FY-95 FY-95 FY-96 FY-97 FY-97 FY-96 FY-97 FY-96 FY-97 FY-97 FY-96 FY-97	(TOTALS MAY NOT ADD DUE	TO ROUNI	DING.)											
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97	MILESTONES													
FY-90 FY-91 1 2 3 4 1 2 5 9 32 35 FY-95 FY-95 FY-96 FY-97 1 2 3 4 1 2 5 9 32 35 1 1 2 3 4 1 2 5 9 32 35 1 1 2 3 4 1 2 5 9 32 35 1 1 2 3 4 1 2 3 4 1 2 5 9 32 35 1 1 2 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 3 4		FY-90	FY-91	FY-92			FY-95	FY-96	FY-97					
FY-90 FY-91 FY-92 FY-93 FY-93 FY-93 FY-93 FY-93 FY-93 FY-93 FY-94 FY-95 FY-95 FY-95 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-97 FY-97 FY-96 FY-97 FY-97 FY-97 FY-96 FY-97 FY-97 FY-97 FY-96 FY-97	(Val dic) ared rough	7/00	2/07	3/02		1 / 0 4	1	1	1					
FY-90	DELIVERY-DATE (OTR/FY)	4/91	4/92	3/93	1/95	1/95								
FY-90 FY-91 FY-92 FY-93 1 2 3 4 1 2 3 4 1 2 3 4 1 2 1 2 5 9 32 35 1 2 5 9 32 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4		:	!			ì								
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 2 1	INSTALLATION SCHEDULE:	FY-90		ш			FY-92		E				FY-94	
1 2 5 9 32 35 1 2 5 9 32 1 2 3 4 1 2 3 4 1 2 3 4	QUARTERS 1	7	3 4	٦		4 1	7	3 4				г	2	٣
1 2 5 9 32 FY-95 FY-96 FY-97 1 2 3 4 1 2 3 4	INPUT					1 2				35 21	20	38	38	38
FY-95 FY-96 FY-97	OUTPUT					1	7	2				20	38	38
1 2 3 4 1 2 3 4 1 2	INSTALLATION SCHEDULE:	FY-95		Ţ	96-X		FY-97							
		7	3 4	7		4 1	5	3 4						
25 24 25 24 13 13 12 14	INPUT 25	24		13	~	14	15							
20 25 24 25 24 12 12 12		30												
FT 71 CT F7 C7 F7 C7 OC		•				;	7.7	11						

PAGE 029-38

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

TEAM AIR

PE 0207130F

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: APG-63 RADAR MN-8049

CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: F-15 C/D DESCRIPTION/JUSTIFICATION: Improved radar design for aging APG-63, upgrade F-15C to solve severe parts obsolescence, provide air superiority to 21st century. Current APG-63 becoming logistically unsupportable. Significant improvement to the reliability and maintainability of the radar. This profile uses a form-fit-function sustainment concept vice organic.

AIRCRAFT BREAKDOWN: Active -- 169 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: EMD start Aug 94: Flight test aircraft integration starts Apr 97, Engineering Development Model hardware assembly complete Oct 97.

PROJECTED FINANCIAL PLAN	PRIOR	FY-96		FY-97	.97	FY	FY-98	FY	FY-99	FY	FY-00
		1	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	53.6		81.8		59.1		1				
PROCUREMENT (3010) INSTALL KITS				4	0.3	17	1.5	31	2,3	26	2.1
KITS NONRECUR EQUIPMENT FOITP NONREC				(4)	14.2	(11)	66.9	(31)	87.2	(26)	84.1
CHANGE ORDERS					1.6		0.3				1
DATA SIM/TRAINER							3.0		3.7		2.8
900					•		c		3.0		3.1
OCG INSTALLATION OF HARDWARE							3		;		•
FY-97 4 KITS								(4)	1.1		
17										(11)	3.6
FY-99 31 KITS FY-00 26 KITS											
24											
FY-02 30 KITS											
FY-03 32 KITS										1	
TOTAL INSTALL QTY/COST	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	 	! !		! ! !		4	1.1	17	3.6
TOTAL COST (BP-1100)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	 	4	18.0	17	83.1	31	103.2	26	97.5
DUE	TO ROUNDING.) N: INSTALLATION DEPOT/FIELL INITIAL LEAD TIME 22 MONTHS	- DEPOT/FIEL 22 MONTHS	D TEAM	FC	OLLOW-ON L	EAD TIME	FOLLOW-ON LEAD TIME 18 MONTHS	IS			

*** UNCLASSIFIED *** PAGE 029-39

PAGE 029-40

FACT SHEET: F-15 MN- PROJECTED FINANCIAL PLAN	804	9 APG-6 (CONTINUED)	PG-63 UED)	APG-63 RADAR INUED)							5	(CONTINUED)	ED)			
	FY	FY-01	AMT	QTY	FY-02	AMT	PTQ	FY-03 Ai	AMT	TO QTY	TO COMP		TC QTY	TOTAL	AMT	
RDT&E (3600)	i ! !	! !			!	! ! !		! ! !	!			; ;		! ! !		
PROCUREMENT (3010) INSTALL KITS	24		1.9		30	2.5	32		2.8				164		13.4	
EQUIPMENT EQUIPMENT EQUIP NONREC CHANGE ORDERS	(24)		78.0	(30)	-	83.6 ((32)		87.6					S	501.7 12.6 1.9	
Data Sim/trainer Ocg			3.7			4.2			3.3						2.1 15.3 18.6	
INSTALLATION OF HARDWARE FY-97 4 KITS FY-98 17 KITS FY-99 31 KITS	(31)		2.6			1 .							4) 17) 31)		3.6	
24 30 32				-		;	24)		3.6	(30)	4.0	4.3 (24) 30) 32)		5.0	
TOTAL INSTALL QTY/COST	31		2.6	26	1	3.5	24	i ! !	3.6	62	6	9.3	164	•	23.7	
TOTAL COST (BP-1100) 24 94 (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96	24 TO ROUN FY-95	9 IDING.) FY-9	94.6 NG.) FY-96	FY-97	-	86			100.3 FY-01	FY-02	9. FY-03	9.3 FY-04	164	!	604.0 FY-06	10
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		İ	! !	4/97	2/98	1/99	1/00		1/01	1/02	1/03		i I	! ! !		,
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-95	m	4	1 1	FY-96 2 3	₽*	FY-97	.97	₹*	FY.	FY-98 2 3	4	FY	FY-99 2	9 - 1	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 4 OUTPUT 3	FY-00 2 4	мфф	474	1 8 5	FY-01 2 3 7 8 8 7	400	FY-02 1 2 6 6 8 6	-02 2 3 6 7 6 6	4 r r	1 EY.	FY-03 2 3 6 6 6 6	4 9 9	FY 7 6	FY-04 2 7	7 8 4	4 8 8
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 8 OUTPUT 8	FY-05 2 8 8	ოთდ	4 1 0	1 7	FY-06 2 3	4										

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

FY 1998 PB DATE

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

INTION/JUSTIFICATION: The F-15A-D Fighter Data Link (FDL) program provides a data link radio to support simultaneous intra- and inter-flight two-way communication. The F-15 FDL is interoperable with Joint Tactical Information Distribution System (JTIDS) and other Link 16 capable systems. The system also is secure and anti-jam capable against threats. Per OSD direction, the Multi-function Information Distribution System (MIDS) FDL will be the hardware solution for F-15 FDL. TEAM AIR PE 0207130F CENTER: WR-ALC MN-8250 MODIFICATION TITLE AND NO: MIDS FDL DESCRIPTION/JUSTIFICATION:

AIRCRAFT BREAKDOWN: Active -- 400 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY-96	96-	FY	FY-97	FY-	FY-98	FY.	FY-99	FY.	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	!	 		 		 		 		i I I I I	!	! ! ! !
PROCUREMENT (3010)							ć		-	•	9	α C
KITS NONRECUR				9.9			90	7.1	1 1	ř	n T	•
EQUI PMENT							(08)	8.3	(111)	21.3 ((61)	3.4
EQUIP NONREC				4.0		1.0		18.5				
CHANGE ORDERS												
DATA												
SIM/TRAINER						2.4						
SUPPORT-EQUIP						1.0						
290				1.0		3.0		3.4		2.2		2.0
PROD TOOLING												
ADJUSTMENT												
	1	1		1	1 1 1	1 1 1 1 1 1 1 1 1	1		1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1
TOTAL COST (BP-1100)				11.6		7.4	30	31.4	111	28.1	19	6.2
(TOTALS MAY NOT ADD DUE TO	0	ROUNDING.)										
METHOD OF IMPLEMENTATION: IN:	=======================================	N: INSTALLATION ORG/INTERMEDIATE INITIAL LEAD TIME 12 MONTHS	ORG/INTE	RMEDIATE THS	Ŀ	FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME	12 MONTH	တ			

*** UNCLASSIFIED *** PAGE 029-41

FACT SHEET: F-15 MN- PROJECTED FINANCIAL PLAN	825	O MIDS FDL (CONTINUED)	TO.						(CONTINUED)	NUED)		
	FY	FY-01		FY-02		FY-03	_	TO	TO COMP	TOTAL	AI.	
	QTY	AMT	QTY	AMT		OTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)												
OCUREMENT (3010)												
INSTALL KITS								240	13.0	400	19.6	
KITS NONRECUR											9.9	
equi pment								(240)	66.1		99.1	
EQUIP NONREC									8.4		31.9	
CHANGE ORDERS									0.8		0.8	
DATA												
SIM/TRAINER											2.4	
SUPPORT-EQUIP											1.0	
250									4.5		16.1	
PROD TOOLING												
ADJUSTMENT												
	!	! ! ! !	1 1 1			1	1 1 1 1	1 1	1 (
TOTAL COST (BP-1100)								240	92.8	400	177.5	
(TOTALS MAY NOT ADD DUE TO KOUNDING.) MILESTONES	TO KOUN	OING.)										
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04			
	!	!	1			1	1	!				
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	4/96	1/97 1/98	1/98 1/99	1/99 1/00					1/04 1/05			

PAGE 029-42

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15

DESCRIPTION/JUSTIFICATION: Modifies VHSIC computer to increase memory to 512K RAM in order to operate avionics mods and OFP. Commodity mod. AIRCRAFT BREAKDOWN: Active -- 631 RES -- 0 ANG -- 117 TEAM POWER PE 0207134F CENTER: WR-ALC FY 1998 PB MODIFICATION TITLE AND NO: VHSIC CARD MN-8251 MODELS OF AIRCRAFT AFFECTED: F-15A-E

DEVELOPMENT STATUS: N/A.

AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY~96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

AMT

QTY

FY-00

PROCUREMENT (3010) INSTALL KITS RDT&E (3600)

3.2 1.5 61 738 KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS SIM/TRAINER

(121) SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE TOTAL COST (BP-1100) 799 13.7 0.9 (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

9.0 0.9

(32)

744

TOTAL INSTALL QTY/COST

61 738

FY-95

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

PAGE 029-43
*** UNCLASSIFIED ***

NUED)	TOTAL QTY AMT				61 3.2						1.5				1 0	144 0.9	799 14.6					FY-97	2 3					
(CONTINUED)	TO COMP QTY AMT															2 5 2 1 1 1	,					FY-96		10 10	10 10			
	FY-03 QTY AMT	;																	Lt.			FY-95	1 2 3 4					
CARD	FY-02 QTY AMT														1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				FY-96	3/96	2/97	FY-94	1 2 3 4					
MN-8251 VHSIC CARD AN (CONTINUED)	FY-01 QTY AMT															1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO ROUNDING.)		щ	2/95	2/96	FY-93	2 3 4			8	100 100 100	123 123
FACT SHEET: F-15 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	STM/TBAINER	SUPPORT-EQUIP	MOD OF SPARES	TION OF	61	FY-95 738 KITS	BOOCH TABORT TABOR	TOTAL INSTALL VIIICOSI	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES		CONTRACT-DATE (OTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	OUTPUT	INSTALLATION SCHEDULE:	QUARTERS 1	

PAGE 029-44

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PB

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

TEAM POWER

PE 0207134F

CENTER: WR-ALC MODIFICATION TITLE AND NO: DIGITAL MAP SYSTEM MN-T8237 MODELS OF AIRCRAFT AFFECTED: F-15E

DESCRIPTION/JUSTIFICATION: Replaces remote map reader with digital system incorporating R&M improvements. AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: CDR - Jan 94.

PROJECTED FINANCIAL PLAN

2.9 AMT FY-00 30 QTY 1.5 AMT FY-99 15 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY~96 QTY AMT PRIOR QTY PROCUREMENT (3010) INSTALL KITS RDT&E (3600)

KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

0.3 1.8 4.4 0.3

9.7

30

1.5

15

*** UNCLASSIFIED *** PAGE 029-45

FACT SHEET: F-15 MN-: PROJECTED FINANCIAL PLAN	<u>@</u>	===	DIGITAL MAP SYSTEM NUED)	STEM					(CONTINUED)	NUED)		
	FY-01	01		FY-02		FY-03		TO	TO COMP	TOTAL	AL	
	OTY	AMT	QTY	AMT		OTY	AMT	QTY	AMT	QTY 	AMT	
RDT&E (3600)												
ROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	158	17.9								203	22.2	
EQUIP NONREC												
CHANGE ORDERS												
DATA											0.3	
SIM/TRAINER											1.8	
SUPPORT-EQUIP											4.4	
250		0.5									0.8	
			1	1 1 1 1 1			1	1	1	1		
TOTAL COST (BP-1100)	158	18.4								203	29.6	
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUND	ING.)										
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01						
		-			1	****						
CONTRACT-DATE (QTR/FY)				1/99	1/00	1/01						
(11/VIA) EIVA IVEATERA				20.7	10/1	10/4						

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	۲۲ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY IRCRAFT MODIFICATIONS	AFT MODIFICATION	NS .	P-1 ITEM NOMENCLATURE: F-16	LATURE: F-16			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$115.591	\$133.780	\$216.158	\$227.773	\$301.250	\$245.840	\$206.245	\$206.576

This line item funds modifications to the F-16 aircraft. The F-16 is a multi-role fighter capable of employing a wide variety of nuclear and conventional weapons and missiles in both the air-to-surface and air-to-air mission areas. The overall goal of the modifications budgeted in FY98 is to increase flying safety, combat capability, reliability, maintainability, and provide for structural improvements to the airframe to ensure meeting the projected 8000 hour service life and permit replacement of the F-16 beginning approximately 2015. The specific modifications budgeted and programmed are below.

TOTAL	ı ا ب	15.6	8.6	11.9		0.9	168.2	7 17.8	159.9	150.4	53.1	25.1	30.0	51.5	8.9	151.0	6.0	4.3	12.5	3.0	2.3	0.2	3.8	19.0	83.5	1.3	2 369.3	2 211.7	
COST	5							0.7																			293.2	4.2	
FY-03				7.0	0.7			2.5			0.8		16.0			11.6											43.4	13.6	
FY-02							17.6	1.7			1.0		7.0			20.1									0.5		32.6	27.6	
FY-01			0.1	1.9	1.9		29.8	2.0		10.2	5,3		7.0			19.7									21.7			58.1	
FY-00			1.9	1.9	3.8		30.0	2.0		35.0	7.8			45.6		19.5							9.0	4.9	27.4			53.9	
FY-99		0.2	0.4	0.5	1.1		21.9	0.7	0.2	26.2	5.0	2.0		5.9		19.9			9.0	0.1	0.1		3.2	9.6	21.1			54.2	
FY-98		1.1	1.7	1.7	4.5		17.6	0.3	1.4	50.6	2.0	3.8			3.5	42.6		4.3	1.1	0.2	0.2			4.5	12.8				
FY-97		0.9	0.4	1.0	2.3	4.0	17.2	0.2	0.2	28.4	0.5	2.7			2.3	17.6			0.7	0.1	0.1								
FY-96		3.0	1.8	1.8	9.9	2.0	15.1	0.2	7.5		5.4	4.1			3.1		6.0		0.1	0.1	0.1	0.2				0.1			
MODIFICATION TITLE	- 1	WING BEEF-UP	LOW COST SAFETY MODIFICATIONS	LOW COST ENGINE SAFETY MODIFIC	CLASS P-S TOTAL FOR F-16	600 GALLON EXTERNAL FUEL TANKS	F110 DIGITAL ENGINE CONTROL (D	FALCON 229 ENGINE UPGRADE	RADAR WARNING RECEIVER UPDATE	NAVSTAR GPS	ALE-47	ADVANCED WEAPON INTEGRATION	ADVANCED WEAPONS INTEGRATION (DIGITAL TERRAIN SYSTEM (DTS)	REDESIGNED F-16 BRAKE CONTROL/	RF TOWED DECOY SYSTEMS	DIGITIAL TRANSFER CARTRIDGE (D	MAIN AIRCRAFT BATTERY	RELOCATE FORWARD RWR ANTENNA	WOW SWITCH	CHAFF/FLARE PROGRAMMER	ADVANCED SERIAL DATA BUS CARD	SCREECH REDUCTION 129 ENGINE	BLOCK 30 NIGHT VISION IMAGING	BLOCK 40 CAS NIGHT VISION IMAG	ENHANCED DATA HAND-OFF CAPABIL	BLOCK 40 MODIFIED MODULAR MISS	BLOCK 50 MODIFIED MODULAR MISS	
MOD	NK	18503A	9999A	X66666	υ	1591	173009	19229E	3088	3150M	3450	4260	426030	4262	50003B	5013	5016	52338B	570051	58006A	58044B	6018	6020	602030	602040	602042	602140	602150	
ממערט	CLASS	P-S				م																							

Totals may not add due to rounding.

UNCLASSIFIED PAGE NO. P-1 SHOPP LIST ITEM NO. 030

85

UNCLASSIFIED

		BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	ET ITEM JUSTII (EXHIBIT P-40)	FICATION				:			DATE	FEBRUARY 1997	የ ሃ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/A	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	NFT MODIFICATIO	NS.		P-1 ITEI	P-1 ITEM NOMENCLATURE: F-16	CLATURE	: F-16					
	1996	1997		1998		1999		2000		2001		2002	2003
COST (In Mil)	\$115.591	\$133.780	₩	\$216.158	₩	\$227.773	*	\$301.250	**	\$245.840	\$	\$206.245	\$206.576
MOD			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL	
CLASS NR	MODIFICATION TITLE	LE									TO GO	PROG.	
P 602240	BLOCK 40 STRUCTURAL IMPROVEMEN	L IMPROVEMEN	18.5	13.4	17.8	6.6						71.5	
602250	BLOCK 50/52 STRUCTURAL IMPROVE	URAL IMPROVE						2.7	3.3	1.6		7.5	
603030	ELECTRONIC WARFARE MANAGEMENT	MANAGEMENT						5.0	7.7	8.0	51.0	71.7	
610240	BLOCK 40 COLOR DISPLAYS	PLAYS							7.3	8.9	52.4	68.6	
610250	BLOCK 50 COLOR DISPLAYS	PLAYS						9.1	11.2	6.3	12.5	39.1	
610330	BLOCK 30 ENHANCED FIRE CONTROL	FIRE CONTROL				5.7	4.7	4.4				14.8	
611130	BLOCK 30 IMPROVED	FLIGHT CONTR						;		6.8	18.6	27.5	
6300	ON BOARD OXYGEN GENERATION SYS	NERATION SYS	,				26.0	29.4	15.5	18.0	3.6	92.5	
6400	BLOCK 50 IMPROVED	AIRBORNE VID	5.9									6.6	
661640	BLOCK 40 LINK 16								19.8	25.0	145.6	190.4	
661650	BLOCK 50 LINK 16							27.8	31.0	19.2	33.6	111.5	
661800	CAS DATA LINK									19.9		19.9	
366666	MISC ENGINE UPDATE MODS	MODS	1.0	1.9			0.4						
N66666	LOW COST RETROFIT MODS	MODS	1.3	1.8								5.5	
X66666	LOW COST MODIFICATIONS	IONS	1.2							0.1		5.1	
F19000	F110 TURBINE FRAME OIL TUBE/VS	OIL TUBE/VS	2.2	1.8	0.3							9.6	
F19400	F-110-GE-129 (DEC) UPGRADE	UPGRADE	8.0	1.9								6.6	
F19401	-229 HPT OD FLOWPATH CIP TASK	TH CIP TASK			0.4	0.3	1.0	0.8	0.7	1.2		4.3	
F19402	-220E IDEEC(5.3.0 LOGIC)/EDU	rogic)/EDU (0.3	0.3	0.2					8.0	
F19403	COMBUSTER IMPROVEMENTS	ENTS			9.0	9.0	0.3	0.2				1.7	
F19404	FAN SECOND STAGE AIR SEAL CIP	IR SEAL CIP			0.4							0.4	
F19405	F110-GE-100 MEC VSV POSITIONIN	V POSITIONIN			0.4	0.1	0.1	0.1	0.1	0.1		6.0	
F19406	F110-GE-129 STAGE 2 DISK POST	2 DISK POST			0.3	0.3	0.3	0.3	0.3	0.3		1.8	
F19407	F110-GE-100 T4B PYROMETER REDE	ROMETER REDE			0.4	0.4	0.5	0.5	9.0	9.0		3.0	
F19408	F110-GE-100 TURBINE FRAME OIL	E FRAME OIL			9.0	0.7	0.7					2.0	
F19409	F110-GE-129 AUXILIARY	ARY			0.4							0.4	
F19410	F110 DEC HARDWARE RETROFIT	RETROFIT			0.3	2.3	2.4	1.5	0.2			6.8	
F19411	F100 IMPROVED TURBINE FASTENER	INE FASTENER			0.1	0.1						0.2	
F19412	F110-GE-129 EMS IMPROVEMENTS	PROVEMENTS			9.0							9.0	
F19413	F110-GE-129 LASER SHOCK PEENIN	SHOCK PEENIN			0.2	0.4	0.4	0.4	0.4			1.8	
S	CLASS P TOTAL F	TOTAL FOR F-16	108.9	131,5	211.6	226.7	297.5	243.9	206.2	205.9	615.4		
TOTAL FOR F-16	9		115.6	133.8	216.2	227.8	301.3	245.8	206.2	206.6	615.4		

Totals may not add due to rounding.

	UNCLASSIFIED		
		ITEM NO. 030	
. v. c.	PAGE NO.	P-1 SHOPP LIST	

OF AIRCRAFT MODIFICATION

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: A/C BLK 25/30/32

MN-18503A

MODIFICATION TITLE AND NO: WING BEEF-UP

FY 1998 PB

02/14/97

DATE

CENTER: ASC

TEAM POWER PE 0207133F

CLASS P-S CLC F-16

DESCRIPTION/JUSTIFICATION: This mod repairs cracks in pre-block 40 aircraft at the # 2,3, and 4 access holes. Testing shows the critical failure path is through the four wing skin access holes at bl 71.00 which decreases the wing structural strength, and has resulted in an 8.5G restriction for Block 30 aircraft. Mod corrects the problems by modification of wing root fairings to allow aircraft to withstand 9g design requirements and by reworking skin assembliesto increase static strength and durability. Failure to accomplish this modification could result in aircraft grounding due to cracks in upper wing skin.

-- 200 ANG -- 525 AIRCRAFT BREAKDOWN: Active -- 487 RES

DEVELOPMENT STATUS:

FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QIY PROJECTED FINANCIAL PLAN RDT&E (3600)

AMT

1.1 1.1 (45) 0.3 6.0 0.9 20) 2.2 3.0 INITIAL LEAD TIME -- 12 MONTHS (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT 54) 0.5 3.0 10.4 7.4 1212 1027 1212 (447) TOTAL INSTALL QTY/COST INSTALLATION OF HARDWARE TOTAL COST (BP-1100) KITS KITS KITS PROCUREMENT (3010) EQUIP NONREC CHANGE ORDERS SUPPORT-EQUIP KITS NONRECUR INSTALL KITS 454 447 180 99 SIM/TRAINER EQUIPMENT FY-89 FY-90 FY-95 FY-93 FY-94 DATA

FOLLOW-ON LEAD TIME -- 12 MONTHS

0.2 0.2

8

0.2

*** UNCLASSIFIED *** PAGE 030-1

	AL AMT		7.4	0.5 4.7 1.4	8.2	15.6	ה ו ה ו	93 3 4 77 78 77 78	98 3 4 7 8	
(UED)	TOTAL QTY	} ! !	1212	(454) (447) (180) (70) (61)	1212	1212		FY-93 1 2 77 78 77 78	FY-98 1 2 15 15 15 15	
(CONTINUED)	E	!						4 70 70	4 15 15	
J	TO COMP					FY-97	1112	32 70 70	3 15 15	
	TO QTY				1	7. 1. 0.00	0 1	FY-92 2 70 70	FY-97 2 14 14	
	ū	;						1 1 0 69 0 69	4 1 9 14 9 14	
	AMT					ት 1 1 2	1/95	3 4 40 40 40 40		
	FY-03	!			!!	7 A	1/94 1/94 1/95	EY-91 2 3 40 40 40 40	FY-96 2 3 18 18 18 18	
	QTY						0 1	1 40 40	1 19 19	
	AMT					- A	1/93	4	4 0 0	
	FY-02					6.4-02	76 1 1 1 1 1 1 1 1 1	ж С	m & &	
SF-UP	et Oty							FY-90 2	FY-95 2 18 18	
WING BEEF-UP JED)					: :	<u>.</u>		1	1 17 17	
03A WIN (CONTINUED)	01 AMT	1				ING.)	3/91	6 4	3 4 2 59 2 59	₄
185	FY-01 QTY	:				TO ROUND	4/90 1/91	FY-89	FY-94 2 3 51 62 51 62	FY-99 2 4
ri E				HARDWARE KITS KITS KITS KITS	/cosT	OO)	'R/FY) 'R/FY)	DULE:	DULE: 1 54 54	DULE: 1 4 4
FACT SHEET: F-16 MN- PROJECTED FINANCIAL PLAN		(009	T (3010) KITS RECUR T WREC RDERS		STALL QTY	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) ILLESTONES FY-89 FY-9	-DATE (QT -DATE (QT	ATION SCHE QUARTERS INPUT OUTPUT	ATION SCHE QUARTERS INPUT OUTPUT	ATION SCHE QUARTERS INPUT OUTPUT
FACT SHEET: F-16 PROJECTED FINANCIA		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIM'TRAINER SUPPORT-EQUIP INSTALLATION OF FY-89 454 FY-90 447 FY-93 180 FY-94 66 FY-95 65	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAX NOT ADD MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT 5. OUTPUT 5.	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 030-2 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

600 GALLON EXTERNAL FUEL TANKS MN-1591

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: BLOCK 50

FY 1998 PB MODIFICATION TITLE AND NO:

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

TEAM POWER

PE 0207133F

DESCRIPTION/JUSTIFICATION: This mod will provide enhanced range/loiter capability for a small number of Block 50 F-16s performing SEAD (force protection) missions. It will also provide the opportunity for ACC to evaluate 600 gallon external fuel tanks as a possible solution to their range and loiter limitation identified in the FICOP (Fighter Configuration Plan). SEAD mission accomplishment will be degraded if mod not accomplished.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-96	96	FY-97	.97	FY-98	86.	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1			 1 1 1 1		 	* * * * * * * * * * * * * * * * * * * *	!		1	-	1 1 1 1 1 1 1 1
KD1&E (3000)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			(22)	1.7		4.0				٠		
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.2								
SIM/TRAINER												
SUPPORT-EQUIP				0.1								
INSTALLATION OF HARDWARE												
			!		!	!!!!!!!!!!!!	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1 1 1 1 1
TOTAL INSTALL OTY/COST												
			1			1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1	-	1
TOTAL COST (BP-1100)				2.0		4.0						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNDIN	G.)										
METHOD OF IMPLEMENTATION:		ATION	CONTRACT	INSTALLATION CONTRACT FIELD TEAM	₹-							
I	INITIAL LEAD TIME 6 MONTHS	D TIME -	- 6 MONTH	S	6	FOLLOW-ON LEAD TIME 0 MONTHS	AD TIME -	- 0 MONTHS				

FACT SHEET: F-16 MN-PROJECTED FINANCIAL PLAN	IN-1591 IN (CON	31 600 GALJ (CONTINUED)	ON EXTER	MN-1591 600 GALLON EXTERNAL FUEL TANKS LAN (CONTINUED)	ANKS			(CONT)	(CONTINUED)	
	FY-01	0.1	F	FY-02	FY	FY-03	0Ţ	TO COMP	TO	TOTAL
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUI PMENT										5.7
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.2
SIM/TRAINER										
SUPPORT-EQUIP										0.1
INSTALLATION OF HARDWARE										
	1	1 1 1 1 1 1 1 1	1						1	1 1 1 1 1
TOTAL INSTALL QTY/COST										
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1 1 1 1 1 1 1 1 1	1 1 1	1	1	1
TOTAL COST (BP-1100)										0.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)								
MILESTONES										
•	FY-96									
	1									
CONTRACT-DATE (QTR/FY)	96/4									
DELIVERY-DATE (QTR/FY)	3/97									

02/14/97 DATE

FY 1998 PB

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

TEAM POWER

PE 0207133F

MODIFICATION TITLE AND NO: F110 DIGITAL ENGINE CONTROL (DEC) MN-173009

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: BLOCK 30/40

DESCRIPTION/JUSTIFICATION: Replaces the existing analog aft control with Digitial Engine Control (DEC). Includes a variable stator vane fail safe system, the addition of two backup control modes, and the elimination of engine-caused auto accels. Mod will improve safety, reliability, supportability, and maintainability of F110-100 engine. Saves 11 aircraft over remaining life of weapon system. F110-100 DEC hardware is identical to Block 50 DEC which assists field supportability.

AIRCRAFT BREAKDOWN: Active -- 437 RES -- 49 ANG -- 320

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN	PR	PRIOR	FY-	FY-96	FY-	FY-97	FY	FY-98	F	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	75	9.7	88	12.1	96	14.8	87	14.4	107	18.1	144	24.9
Chaves Oxogens DATA SIM'TRAINER SUPPORT-EQUIP PA 2	(125)	2.4	(101)	0.1	(100)	2.4	(125)	3.2	(146)	3.8	(192)	5.1
TO'S EMSC UPGRADE	i	0.0										
MEC UPGRADE INSTALLATION OF HARDWARE FY-93 34 KITS	(67)	2.3										
41 88 96 87			(9)		(9)		(9)		Ĝ			
107 144 140 74									5		(9)	
TOTAL INSTALL QTY/COST			9		9		9		9		9	
TOTAL COST (BP-1100) 75 19.0 88 15.1 (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 14 MONTHS	75 TO ROUNI NN: INST.	19.0 88 NDING.) TALLATION DEPOT/FIELL LEAD TIME 14 MONTHS	88 - DEPOT/FI 14 MONT	15.1 ELD TEAM		17.2 DLLOW-ON LI	87 EAD TIME	17.2 87 17.6 EOLLOW-ON LEAD TIME 14 MONTHS		21.9	144	30.0

*** UNCLASSIFIED *** PAGE 030-5

	TOTAL	AU1.			132.2					2.5	29.9	6.0	0.4	2.3			0.0	0.0	0.0	0.0	0.0	0.0		-	0.1	1 1 1 1	168.2		
(CONTINUED)	OT YES	ı			811												(9)	(9)	(9)	(9)	(9)	(9)		!		!	811	FY-02	1/02
ğ	TO COMP	TERM																						1				FY-01	1/01
	TO	1 1 1																						1				FY-00	1/00
	13 AMT	AWI .																						1				FY-99	1/99
(DEC)	FY-03	,																								-		FY-98	1/98
F110 DIGITAL ENGINE CONTROL (DEC)	TWG	1			13.4						4.2													1			17.6	124	1/97
AL ENGINE	FY-02	ļ			74						≘																74	FY-96	1/96
O DIGITA	>#C	KII									5.0 (153)																	FY-95	3/95
TIN	FY-01	HE I			24.8						ů.																29.8 DING.)	FY-94	3/95
.173	FY	117			140						(181)											(9)			9		140 TO ROUN	FY-93	3/95
FACT SHEET: F-16 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS KITS NONRECHR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	SIM/TRAINER	SUPPORT-EQUIP	PA 2	TO'S	EMSC UPGRADE		ATION OF	34	41	88	96	FY-98 87 KITS	107	144	140	FY-02 /4 KITS	TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) 140 2 (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)

PAGE 030-6
*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-173009 F110 DIGITAL ENGINE CONTROL (DEC) PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-96 2 FY-94 2 m INSTALLATION SCHEDULE: FY-93
QUARTERS 1 2
INPUT
OUTPUT

0 0 0

FY-01 2 2 2 FY-00 2 2 2 INSTALLATION SCHEDULE:
QUARTERS
1
INPUT
2
OUTPUT
2

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MN-19229E

CLASS P CLC F-16

field support. The design improvement portion of Falcon 229 is comprised of four blocks, phased to coincide with the 4th stage blade retrofits. Each block consists of different tasks, consequently the cost varies between blocks. Incorporation of all the tasks will reduce the in-flight shut down rate to 2/100,000 engine flight hours. This means six aircraft and possibly crews will be saved every 100,000 fleet hours. Installation in FYs 94 and 95 is organizational level, requiring no installation funds. Remaining years are depot DESCRIPTION/JUSTIFICATION: The Falcon 229 program is designated to enhance F-16 safety and improve maintainability by accelerating F-16/F100-PW-229 engine maturation. This will be accomplished through design improvements, early identification of problems, and augmented TEAM POWER PE 0207133F CENTER: ASC MODIFICATION TITLE AND NO: FALCON 229 ENGINE UPGRADE MODELS OF AIRCRAFT AFFECTED: BLOCK 52 installation.

AIRCRAFT BREAKDOWN: Active -- 1814 RES -- 0 ANG -- 18

DEVELOPMENT STATUS: Mod includes numerous engine ECPs.

PROJECTED FINANCIAL PLAN	ä	PRIOR	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	OTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT
RDI&E (3600)		4.4		1.1		1.0						
PROCUREMENT (3010) INSTALL KITS	1247	5.5					18	0.2	42	9.0	126.	1.8
ALIS NOWRECON EQUIPMENT EQUIP NONREC												
CHANGE ORDERS				0.2		0.2						
DATA SIM/TRAINER												
SUPPORT-EQUIP		2.0										
INFLATION				0.1								
ATION OF												
927					;		;		ć		163	
320					1)		((7)	,	(/1	
18									(6 }	7.0		•
FY-99 42 KITS											(21)	0.2
FY-00 126 KITS												
FY-01 90 KITS												
FY-02 78 KITS												
FY-03 131 KITS												
	1 1 1 1	1	[: : :	1 1 1 1 1 1 1 1	1 1 1		1 1 1 1		1	1		
TOTAL INSTALL QTY/COST					1		2		11	0.1	38	0.2
TOTAL COST (BP-1100)	1247	7.5	! ! !	0.2		0.2	18	0.3	42	0.7	126	2.0
(TOTALS MAY NOT ADD DUE TO F	E TO ROUN	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION COMBINATION	COMBINA	rion					!			
	INITIAL	INITIAL LEAD TIME 12 MONTHS	- 12 MONT	rhs	[tu	FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME -	12 MONTE	13			

PAGE 030-8

FACT SHEET: F-16 MN-19229E FALCON 229 ENGINE UPGRADE PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-05 4 10 19 2.1 12.7 9.0 5.6 0.4 0.7 0.4 AMT TOTAL FY-04 2 119 17 1732 21) 63) 45) 39) 321 QTY FY-03 2/03 9.0 0.7 0.7 AMT FY-02 2/02 2/03 3 18 TO COMP FY-97 FY-02 2 2 18 30 QTY FY-01 (12) 63) 2/01 2/02 2.1 2.5 FY-00 0.4 2/00 AMT ٣ FY-03 FY-01 2/99 2/00 131 131 44 2 39) QTY FY-98 2/98 0.5 0.5 1.7 AMT FY-97 FY-02 2/97 2/98 FY-95 78 7 67 (22) 45) QTY FY-96 2/96 2/97 0.7 0.7 2.0 1.3 AMT FY-95 2/95 2/96 TOTAL COST (BP-1100) 90 (TOTALS MAY NOT ADD DUE TO ROUNDING.) FY-01 ٣ FY-94 FY-94 FY-99 FY-04 4/94 90 63) 11 QTY (14) 2 1 6 2 INSTALLATION OF HARDWARE FY-94 927 KITS TOTAL INSTALL QTY/COST CONTRACT-DATE (QTR/FY)
DELIVERY-DATE (QTR/FY) INSTALLATION SCHEDULE: INSTALLATION SCHEDULE: INSTALLATION SCHEDULE: KITS KITS KITS KITS KITS PROCUREMENT (3010) INPUT QUARTERS INPUT QUARTERS OUTPUT SIM/TRAINER SUPPORT-EQUIP INFLATION INSTALL KITS KITS NONRECUR CHANGE ORDERS RDT&E (3600) EQUIP NONREC 18 42 126 320 MILESTONES **EQUIPMENT** FY-95 FY-98 FY-99 FY-00 FY-02 FY-03 FY-01 DATA

PAGE 030-9
*** UNCLASSIFIED ***

20

8

3 20 25

2 25 10

QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PB

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

TEAM POWER

PE 0207133F

MODIFICATION TITLE AND NO: RADAR WARNING RECEIVER UPDATE PROGRAM MN-3088

MODELS OF AIRCRAFT AFFECTED: F-16C/D BLK 40

CENTER: ASC

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

threats. Support equipment, trainers and data will be provided by production program. The mod also funds the ALR-56M replacement computer. Technology for the computer is off-the-shelf, and no additional capabilities will be added to either the computer or software. The components will be reboarded and software rehosted in ADA. FY94 ECP funding funds nondevelopmental integration efforts related to the DESCRIPTION/JUSTIFICATION: This retrofit replaces the ALR-69 on Block 40 F-16s with an Advanced Radar Warning Receiver (ARWR) set (ALR-56M). The RWR will provide increased detection range, increased speed and accuracy for dense threat environments. It will also identify new computer upgrade. AIRCRAFT BREAKDOWN: Active -- 369 RES -- 0 ANG -- 15

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

									0.8						0.5		9.0	1.4			15 MONT
									(9/9		3)				38)		41	1			TIME
									~		_				_	•		ı			EAD
											0.2					1 1 1 1 1 1	0.2	0.2			FOLLOW-ON LEAD TIME 15 MONT
											(48)					1	48	2 1 1 1			Ē
							4.0	3.1			0.4						0.4	7.5			
											53)						53	-		POT	MONTHS
											_					ĺ		İ		DE	77
42.7	67.6						19.9	20.0			0.4					1 1 1 1 1 1	0.4	150.6	ING.)	LLATION	INITIAL LEAD TIME 24 MONTHS
384	(165)										86)					1	86	384	TO ROUNE	: INST	NITIAL I
(3010) ITS ECUR		REC	DERS		SR.	QUIP	NO	TER		INSTALLATION OF HARDWARE	190 KITS (32 KITS	21 KITS	40 KITS	101 KITS		TOTAL INSTALL OTY/COST	TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	Ħ
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INTEGRATION	ECP/COMPUTER	FDT	INSTALLATION	FY-89 19	FY-90	FY-91	FY-92	FY-94 10		TOTAL INS	TOTAL COS	(TOTALS M	METHOD OF	

FOLLOW-ON LEAD TIME -- 15 MONTHS

0.2 0.2 0.2

(34)

	Š	EV. 01		CO-03		υν. - Ο Ι	5	Ē	DWO OF		TOTAL	٠
	QTY	AMT	QTY		AMT	OTY	AMT	QTY	AMT	QTY		AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS										•	384	42.7
KITS NONRECUR												
EQUIPMENT												67.6
EQUIP NONREC												
CHANGE ORDERS												
DATA ,												
SIM/TRAINER												
SUPPORT-EQUIP												
INTEGRATION												23.
ECP/COMPUTER												23.1
FDT												0.8
INSTALLATION OF HARDWARE												
FY-89 190 KITS										(190)	(0)	1.1
FY-90 32 KITS												
21												
FY-92 40 KITS												
FY-94 101 KITS										()	72)	0.7
				1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1	!	!	
TOTAL INSTALL QTY/COST	1		1	1		1		1	! ! !	ł	262	1.8
TOTAL COST (BP-1100)											384	159.9
(TOTALS MAY NOT ADD DUE	TO ROUNDING.)	(DING.)										
MILESTONES	00-00	00-74	FV = 01	FV-02	FY-03	70 - V3	50 - VG	7.4.26	FY-07	F.Y98	FY - 99	σ
				76 17								. 1
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)					1/93 2/94	3/94 4/95	2/95 3/96					
INSTALLATION SCHEDULE:	FY-94		FY-	FY-95		FY-96		FY	7		FY-98	c c
QUARTERS 1	7		1 2									m ;
TUPUI	10	12 14 12 14	13 10	15	12 13 12 13	3 11	14 15 14 15	11 1	10 13 10 13	14 10	10	10
1	•											
INSTALLATION SCHEDULE:	FY-99											
UNAKIERS I INPUT 10	10	14										
		14										

PAGE 030-11

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GPS FY 1998 PB

MN-3150M

MODELS OF AIRCRAFT AFFECTED: F-16C/D BLK 25/30/32

CLASS P CLC F-16 TEAM POWER

PE 0207133F

CENTER: ASC

platform position/velocity as well as aid computation of steering vectors to target locations. This avionics mod will install the embedded Existing RLG/INUs in the Block 25/30/32 aircraft removed as a result of this mod will be installed in Block 40/50 aircraft (which are equipped with LN-39 mechanical INUs). No funding for aircraft OFP development is included as integration is assumed to occur in conjunction with OFP update (SCU-4). Depot installation accomplished in conjunction with Falcon-Up (to maximum extent possible). GPS/INS (EGI) that combines a ring laser gyro INS, a GEM II GPS receiver card, and a master kalman navigation filter in a single LRU. DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning System (GPS) provides user equipment for F-16 BLK 25/30/32 aircraft to compute

AIRCRAFT BREAKDOWN: Active -- 194 RES -- 91 ANG -- 332

OPMENT STATUS: EGI integration contract awarded 2/94; EGI F-16 missionization EDR completed; EGI integration unit deliveries nearing completion. Group A development contract awarded 1/96; Group A's PDR, CDR, and mock-up installation completed; T&E aircraft T-2 modifications began 12/96. Integration flight testing to start with SCU-4 OFP testing. DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY-96	و	FY-97	97	FY-	FY-98	FY	FY-99	FY-	FY-00
	QTY	AMT		AMT		AMT	QTY	AMT	OTY	AMT	QTY	AMT
RDT&E (3600)		1.0		8.1		4.8		4.7		3.3		! ! ! ! !
PROCUREMENT (3010)												
INSTALL KITS					150	6.4	330	13.2	7.7	3.7	58	3.0
KITS NONRECUR						5.5						
EQUIPMENT					150	14.1	330	34.1	77	8.7	58	7.1
EQUIP NONREC										,		
CHANGE ORDERS						1.9		2.4		9.0		0.5
DATA						0.5		0.5				
SIM/TRAINER								0.1				6.7
SUPPORT-EQUIP										3.0		6.3
INSTALLATION OF HARDWARE												
FY-97 300 KITS							(01)	0.4	(140)	6.2		
FY-98 660 KITS									(68)	4.0	(241)	11.1
											(11)	0.4
FY-00 116 KITS												
		1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	 	1	1 1 1 1 1 1 1 1 1	1	1 1 1 1
TOTAL INSTALL QTY/COST							10	0.4	229	10.2	252	11.5
TOTAL COST (BP-1100)	 		!		300	28.4	099	50.6	154	26.2	116	35.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)					:		;	! • •	i i	1
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	V: INST.	ALLATION	DEPOT/FIE	LD TEAM								
Π	INITIAL	LEAD TIME 18 MONTHS	· 18 MONTH	S	FO	TTOM-ON TE	AD TIME -	FOLLOW-ON LEAD TIME 18 MONTHS	HS			

PAGE 030-12

UNCLASSIFIED ***

**

(CONTINUED)

FACT SHEET: F-16 MN-3150M NAVSTAR GPS PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-01 AMT	QTY	FY-02	AMT	FY-03 QTY	AMT	TO	TO COMP		oty Oty	TOTAL	AMT
RDI&E (3600)	!						;	1 1 1	1	i !			
PROCUREMENT (3010)											7 7		20
KITS NONRECUR											3		5.5
											615		63.8
EQUIP NONREC													
CHANGE ORDERS													5.4
													1.0
SIM/TRAINER													6.9
SUPPORT-EQUIP													6.3
INSTALLATION OF HARDWARE													
300 KITS										_	150)		9.9
660 KITS										_	330)		15.1
154 KITS ((99	5	5.4							_	(11)		5.8
KITS (28)	4								_	28)		4.8
TOTAL INSTALL QTY/COST	124	10.2									615		32.3
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	10.2 DING.)	2.							3	1230	1	150.4
	FY-95	FY-96	FY-97	FY-98	8 FY-99	FY-00	FY-01						
	1 1 1	1	 	•			1						
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)			2/97 4/98	1/98 3/99	1/99 3/00	1/00 3/01							
INSTALLATION SCHEDULE:	FY-95		(II)	FY-96		FY-97		FY-98	86		FY	FY-99	
QUARTERS 1 INPUT OUTPUT	7	3 4	н ·	3	4	1 2	3	1 2	က	10 9	1 52 5 52 5		3 4 60 63 60 63
INSTALLATION SCHEDULE:	FY-00	•	г	FY-01	•								
			24										
OUTPUT 63	63	63 63	24	27 34	39								

PAGE 030-13

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: ALE-47 MN-3450

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: F-16C/D

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16

PE 0207133F TEAM POWER

much greater survivability due to the ability to provide compatible flare/chaff responses triggered by on-board sensors rather than by the DESCRIPTION/JUSTIFICATION: Retrofits F-16C/D BLK 40/42/50/52 with ALE-47 automatic/semi-automatic flare/chaff dispensing system. Provides pilot through preplanned and preprogrammed dispenser loads. AIRCRAFT BREAKDOWN: Active -- 472 RES -- 0 ANG -- 206

DEVELOPMENT STATUS: Complete.

0.5 0.1 3.7 1.0 2.5 7.8 AMT FY-00 84 84 QTY 84) 0.5 0.1 0.1 0.3 0.7 0.7 AMT FY-99 84 QTY 67 84 (84) 67) 0.7 0.9 2.0 AMT FY-98 67) 17) 84 OTY 0.4 0.5 AMT FY-97 (71) (13) 84 QTY 3.2 0.5 5.4 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 24 MONTHS AMT FY-96 0.6 0.3 (71) (13) 84 84 84 QTY 2.7 0.8 16.3 0.5 6.0 25.3 1.0 AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR 365 130 365 (93) (37) QTY (27) TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) KITS KITS KITS KITS KITS KITS PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP EQUIP NONREC INSTALL KITS RDT&E (3600) 93 80 SIM/TRAINER 108 **EQUI PMENT** FY-96 FY-99 FY-00 FY-92 FY-95 FY-93 FY-94 FY-01 DATA

FOLLOW-ON LEAD TIME -- 24 MONTHS

* * *	
UNCLASSIFIED	,

	AL AMT		2 1 2 2 1 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.5 0.0 0.5 0.5	0.8 0.9 0.0 0.0	6.3	53.1 02 FY-03		96 3 4 21 21 21 21	01 3 4 21 21 21 21	
ED)	TOTAL QTY	! ! !	678	93) 108) 84)	80) 84) 84) 84) 61)	678	678 1 FY-02	1	FY-96 1 2 21 21 21 21	FY-01 1 2 21 21 21 21	
(CONTINUED)		!				!	FY-01	 	21 21	4 21 21	
9	MP AMT						FY-00	4/00	21 21	3 21 21	
	TO COMP	! !				! !			FY-95 2 21 21	FY-00 2 21 21	
	T(QTY						FY~99	4/99	1 21 21	1 21 21	
	AMT	! !			0.8	0.8	0.8 FY-98	4/98	4 21 21	ক ক ক	
	FY-03					!	i i !	, , ,	94 3 18 18	99 3 21 21	
	FY QTY	<u> </u>			61)	61	FY-97	} 	FY-94 2 7 7	FY-99 2 21 21	
	•	i :			~	1	.0 .0 FY-96	4/96	1	1 21 21	
	AMT	i i i			1.0	1.0	!		4	4 21 21	4
	FY-02	i 1				!	FY-95	4/95	93 3	98 3 21 21	03 3 19 19
	QTY] 			84)	84	FY-94	4/94	FY-93	FY-98 2 21 21	FY-03 2 21 21
47		ļ	0.4 0.1 2.7 0.1	•	1.0	1.0	, m			21 21 21	217
O ALE-47 (CONTINUED)	11 AMT		0000,	-	1		5. NG.) FY-93	4/93	ю 4	3 4 21 21 21 21	3 4 20 21 20 21
SO (CONT	FY-01	!	61		â	84	61 O ROUND	/92	FY-92 2		2
MN-3450 .AN (C	QTY	 	61		(84)		TO FY-	4/92	FY-		
AL PLA				HARDWARE KITS KITS KITS	w w w w w	/COST	00) DD DUE	R/FY) R/FY)	DULE:	DULE: 1 21 21	DULE: 1 21 21
F-16 NANCL			010) R		KITS KITS KITS KITS	L OTY	BP-11	E (QT) E (QT)	ION SCHE ARTERS INPUT OUTPUT	ION SCHE	ION SCHE ARTERS INPUT OUTPUT
EET: ED FIL		3600)	NT (3 KITS NRECUI NT ONREC	ORDER: INER -EQUI ION 0: 93 108 84	80 84 84 61	NSTAL	OST (MAY NES	T-DAT	ATION SCI QUARTERS INPUT OUTPUT	ATION SCI QUARTERS INPUT OUTPUT	ATION SCH QUARTERS INPUT OUTPUT
FACT SHEET: F-16 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	INSTALL KITS INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF FY-92 93 FY-93 108 FY-94 84	FY-95 FY-96 FY-00 FY-01	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 61 (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-92 FY-93	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INFUT COUTFUT 2:
ᇤద		æ	PRO ENTER E	INSSEP		Ē	₽ ~ X	OB	H	н	н

PAGE 030-15

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MN-4260 MODIFICATION TITLE AND NO: ADVANCED WEAPON INTEGRATION FY 1998 PB

CLC F-16

TEAM POWER

PE 0207133F CENTER: ASC MODELS OF AIRCRAFT AFFECTED: F-16 C/D DESCRIPTION/JUSTIFICATION: These funds are for the integration and modification efforts required to employ smart weapons on the F-16 Block 50/52 and Block 40/42 aircraft. The Block 40 weapon pylons are required to be modified to incorporate the Block 50 pylon wiring harness and a MIL-STD-1760 connector (Group A). Failure to integrate these smart weapons onto the F-16 inventory reduces the ability to take advantage of the increased accuracy and stand-off capabilities of these next generation weapons.

AIRCRAFT BREAKDOWN: Active -- 447 RES -- 0 ANG -- 15

DEVELOPMENT STATUS: AF F-16 RDT&E effort is funded by the respective weapon system program office at Eglin AFB.

PLAN	
FINANCIAL	
PROJECTED	

FRUDECIED FINANCIAL FURN													
	PRIOR	OR.	FY-96	96	FΥ·	FY-97	FY	FY-98	FY	FY-99	G	FY-00	
	٠.	AMT		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)		7.0	# # # L	12.0) - - - - - -	
PROCUREMENT (3010)													
INSTALL KITS KITS NONRECUR			170	2.6	71	1.0	221	3.1					
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS													
DATA				0.2									
SIM/TRAINER													
SUPPORT-EQUIP													
INTEGRATION		6.5											
SOFTWARE		6.0											
INSTALLATION OF HARDWARE													
170					(170)	1.7							
FY-97 71 KITS							(71)	0.7					
221									(221)	2.0			
	-	1	-	1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1		!		1 1 1 1 1 1 1	!	1	
TOTAL INSTALL QTY/COST					170	1.7	71	0.7	221	2.0			
TOTAL COST (BP-1100)	! ! !	12.5	170	4.1	71	2.7	221	3.8	! !	2.0) 		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	щ	ING.)											
METHOD OF IMPLEMENTATION:	N: INSTAL	INSTALLATION DEPOT	DEPOT										
-	INITIAL LE	INITIAL LEAD TIME 9 MONTHS	- 9 MONTH.	S	Σ.	FOLLOW-ON LEAD TIME 9 MONTHS	AD TIME .	9 MONTHS	•				

*** UNCLASSIFIED *** PAGE 030-16

ADVANCED WEAPON INTEGRATION	
WEAPON	
ADVANCED	ONTINUED)
MN-4260	PLAN (C
F-16	INANCIAL
FACT SHEET: F	PROJECTED FINANCIAL

(CONTINUED)

	!		,	- (m.			,	7.0			6.5	0.		1.7	۲.	•	!	4.4	!	- :							4	53	ς Σ
	AMT		,	6.7	.			(ċ		,	ý	ý		÷	Ö	7		4		25.1						<u></u>		26	
TOTAL	i I			0											=	~	~·	!	22	!	462						FY-9	2		
į	OTY -			462											(170)	(11)	(221)		462	-	4							1	26	
!	AMT																•	1		-								4		17
TO COMP	4																										FY-98		8 18	
TO	OTY 																	-									FY	7		18
	:																	·										4		45
	AMT																			1								٣	45	45
FY-03	ا ا ۔																	1									FY-97	2	45	45
	OTY																	1		1			FY-99	1				-	32	32
	AMT																	1		1				1				4		
FY-02	2																	-					FY-98		2/98	1/99	9	က		
	QTY 																						FY-97		2/97	1/98	FY-	5		
	` }																	!		!				•				1		
	AMT																				ING.)		FY-96		2/96	1/97		3		
FY-01	QTY .																			1	1100) ADD DUE TO ROUNDING.)		FY-95	1			FY-95	2		
		RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INTEGRATION	SOFTWARE	INSTALLATION OF HARDWARE	FY-96 170 KITS		221 B		TOTAL INSTALL QTY/COST		(BP-1 Y NOT	MILESTONES			_	DELIVERY-DATE (QTR/FY)	TNSTALLATION SCHEDIILE:	QUARTERS 1	INPUT	OUTPUT

PAGE 030-17

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: DIGITAL TERRAIN SYSTEM (DTS) MN-4262

TEAM POWER

PE 0207133F

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: BLK 25/30/40/50

DESCRIPTION/JUSTIFICATION: HQ ACC has stated that DTS is a firm requirement in the next F-16 block OFP tape release. To support this, the DTS program must purchase a DTS data transfer cartridge (DTS/DTC) to host the DTS software and serve as a replacement for the current DTC on these A/C. DTS includes precise navigation capabilities and a ground collision avoidance system designed to save pilots and A/C by reducing the controlled flight into terrain mishaps. AIRCRAFT BREAKDOWN: Active -- 761 RES -- 89 ANG -- 440

CENTER: ASC

DEVELOPMENT STATUS: None. No RDT&E required.

45.6 AMT FY-00 1713 QTY 5.9 AMT FY-99 222 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) SUPPORT-EQUIP KITS NONRECUR CHANGE ORDERS EQUIP NONREC INSTALL KITS RDT&E (3600) SIM/TRAINER EQUIPMENT DATA

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 15 MONTHS

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 15 MONTHS

45.6

1713

5.9

222

(CONTINUED)

FACT SHEET: F-16 MN-4262 DIGITAL TERRAIN SYSTEM (DTS) PROJECTED FINANCIAL PLAN (CONTINUED)

	FY- QTY	FY-01 AMT	QTY	FY-02 AMT		FY-03 QTY	s AMT	TO QTY	TO COMP	TO QTY	TOTAL AMT
RDT&E (3600)	! ! !	 		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		!	1 1 1 1		! ! ! ! !		1
PROCUREMENT (3010)											
INSTALL KITS KITS NONRECUR											
EQUIPMENT										1935	51.5
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			i	1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)										1935	51.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	OING.)									
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02				
	1	1	1			1	1				
CONTRACT-DATE (QTR/FY)				3/99	2/00	2/01	2/02				
DELIVERY-DATE (QTR/FY)				4/00	3/01	3/02	3/03				

PAGE 030-19

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

TEAM POWER

PE 0207133F

MODIFICATION TITLE AND NO: REDESIGNED F-16 BRAKE CONTROL/ANTI-SKID MN-50003B

CENTER: ASC MODELS OF AIRCRAFT AFFECTED: F-16A/B/C/D

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16

DESCRIPTION/JUSTIFICATION: This modification provides improved reliability and maintainability, the number of ground aborts and maintenance actions due to system failures wil be halved as troubleshooting time will be reduced 15 minutes per action. Additionally, brake and tire wear will be reduced by up to 35%. Mod name changed from anti-skid algorithm.

AIRCRAFT BREAKDOWN: Active -- 733 RES -- 72 ANG -- 450

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN	PRIOR	с	FY~96	9	FY-97	76	FY	FY-98	FY	FY-99	FY	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS KITS NONRECHR			399	2.7	357	2.3	499	3.5					
EQUIPMENT													
EQUIP NONREC		,											
CHANGE ORDERS													
DATA				0.3									
SIM/TRAINER SUPPORT-EGUIP				0.1									
	:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				: : : : : : : : : : : : : : : : : : : :	11111		1	1 1 1 1 1 1 1	
TOTAL COST (BP-1100)			399	3.1	357	2.3	499	3.5					
(TOTALS MAY NOT ADD DUE TO ROUNDING.	TO ROUNDI	NG.)											
METHOD OF IMPLEMENTATION: I	N: INSTAL	INSTALLATION ORG/INTERMEDIATE	ORG/INTER	MEDIATE									
.,	INITIAL LEAD TIME 6 MONTHS	AD TIME -	- 6 MONTHS		FO	LLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 6 MONTHS					

PAGE 030-20
*** UNCLASSIFIED ***

FACT SHEET: F-16 MN- PROJECTED FINANCIAL PLAN	-500	ŽI.	IGNED F-1	REDESIGNED F-16 BRAKE CONTROL/ANTI-SKID JED) FY-03 FY-03	NTKOL/ ANT	NII-SKID	Ç	TO COMP		TOTAL
	e1-	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY -	AMT
									1255	œ
)) 1	! ! !
										,
										0.3
										0.1
		1111111		1 1 1 1 1	1	1 1 1 1 1 1 1 1	1			1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)									1255	8.9
DO DOE	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	OING.)								
	FY-96	FY-97	FY-98							
	1	11111								
CONTRACT-DATE (QTR/FY)	3/96	4/97	2/98							
DELIVERY-DATE (QTR/FY)	1/97	2/98	4/98							

PAGE 030-21

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

MN-5013

MODIFICATION TITLE AND NO: RF TOWED DECOY SYSTEMS

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: This modification allows the Navy Advanced Airborne Expendable Decoy (AAED) to be installed on F-16 aircraft as the towed decoy system (TDS). It will provide RF electronic protection for the F-16. The major components of the system are the AAED, canisters, magazines, and launcher/controller mounted in a modified 16-S-350 pylon. The system is a RF repeater acting to decoy threat systems that engage the F-16 resulting in increased miss distance.

AIRCRAFT BREAKDOWN: Active -- 437 RES -- 0 ANG -- 0 TEAM INFO PE 0207442F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: BLK 40/50

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN											
	PRIOR	FY	FY-96	FY-97	97	FY-	FY-98	FY-	FY-99	FY	FY-00
	QTY AMT	OTY	AMT	OTY	AMT	QTY	AMT	OTY	AMT	OTY	AMT
RDT&E (3600)	ı				1.8						
PROCUREMENT (3010)											
INSTALL KITS				48	13.6	155	37.9	70	17.6	71	19.0
KITS NONRECUR											
EQUI PMENT				`							
EQUIP NONREC											
CHANGE ORDERS					0.7		0.7		0.1		0.1
DATA					9.0		0.3		0.3		0.1
SIM/TRAINER											
SUPPORT-EQUIP					0.2						
SYSTEM ENGIN					2.5		3.7		1.9		0.4
INSTALLATION OF HARDWARE											
FY-97 48 KITS											
FY-98 155 KITS											
FY-99 70 KITS											
FY-00 71 KITS											
FY-01 71 KITS											
FY-02 71 KITS											
FY-03 43 KITS											
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!		!	1
TOTAL INSTALL QTY/COST											
TOTAL COST (BP-1100)	 	! ! ! !		48	17.6	155	42.6	70	19.9	71	19.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT FIELD TEAM	4: INSTALLATION	DEPOT F	IELD TEAM	i				,			
	INITIAL LEAD TIME 13 MONTHS	E 13 MON	rhs	FO	FOLLOW-ON LEAD TIME 13 MONTHS	AD TIME -	- 13 MONTH	<u>s</u>			

*** UNCLASSIFIED *** PAGE 030-22

RF TOWED DECOY SYSTEMS	NTINUED)
MN-5013	PLAN (CON'
FACT SHEET: F-16	PROJECTED FINANCIAL

(CONTINUED)

TOTAL AMT	1 1 1 1		;	137.5				1.9	1.4		0.2	10.1									0 111	151.0				
T TO				529															1		1	523				
TO COMP																										
TO																			1							
FY-03 AMT				11.5								0.1									1 .	11.6				
FY				43																	! !	43		_		
AMT				19.0				0.2				1.0									1	20.1		9 FY-00		1/00
FY-02				71															!!!!!!			71		8 FY-99		1/99
c	K			0				1	1			5										7		FY-98	1	1/98
FY-01 AMT				19.0				0.1	٥.			0.5									1 1	19.7	DING.	FY-97		2/97
FY.				71															:		1 :	71	N002 01	FY-96	1 1	
		RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	SYSTEM ENGIN	INSTALLATION OF HARDWARE	FY-97 48 KITS	 FY-99 70 KITS	FY-01 71 KITS	FY-02 71 KITS	FY-03 43 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) 71	(TOIALS MAI NOI AUD DOE MILESTONES			CONTRACT-DATE (QTR/FY)

PAGE 030-23 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: MAIN AIRCRAFT BATTERY MN-52338B

MODELS OF AIRCRAFT AFFECTED: F16C/D (PREBLC 40)

CLC F-16

TEAM POWER

PE 0207133F

increase system reliability and reduce support costs. Change was made on the F-18 and battery MTBF increased 78.5 to 3268 hours and MTBMA 24.2 to 418.6 hours. Removals per 1000 flight hours decreased 26.6 to 1.5 and MMH/1000 Flying Hours (FH) 168.9 to 20. Similar F-16 improvements expected. Statistics for the F-16 battery are 118 hours MTBF, 160 hours MTBMA, 6.7 removals/1000FH, and 183 MMH/100FH. DESCRIPTION/JUSTIFICATION: The main NICAD battery has one of the lowest MTBFs for an F-16 LRU. Battery and charging system must be extremely reliable and capable of performing under all operating conditions to ensure safety of flight. This modification would substantially

CENTER: ASC

AIRCRAFT BREAKDOWN: Active -- 245 RES -- 84 ANG -- 314

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP INSTALL KITS EQUIP NONREC SIM/TRAINER EQUIPMENT

610

4.3

4.3

610

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE (TOTALS MAY NOT ADD DUE TO ROUNDING.) TOTAL COST (BP-1100)

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: F-16 MN-5: PROJECTED FINANCIAL PLAN		=	MAIN AIRCRAFT BATTERY JED)	T BATTER	*			(CONTINUED)	(UED)	
	FY-01	.01		FY-02		FY-03	TO COMP	MP	TOTAL	ı.
	QTY	AMT	QTY	AMT	T QTY	AMT	QTY	AMT	OTY .	AMT
RDT&E (3600)	! ! ! !									
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUI PMENT									610	4.3
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						1 1 1 1
TOTAL COST (BP-1100)									610	4.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	UE TO ROUNI	OING.)								
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00					
		1	1	!!!!	1					
CONTRACT-DATE (QTR/FY)	~	2/97	2/98	2/99	2/00					
DELIVERY-DATE (QTR/FY)	~	2/98	2/99	2/00	2/01					

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: RELOCATE FORWARD RWR ANTENNA MN-57U051

CLC F-16

TEAM POWER

CENTER: ASC MODELS OF AIRCRAFT AFFECTED: F-16 C/D

PE 0207133F

DESCRIPTION/JUSTIFICATION: This effort involves relocating the forward radar warning receiver (RWR) antenna from the fuselage to the leading edge flap of the wing. The current antenna location does not allow the RWR to meet its performance envelope on the F-16. The new location corrects this deficiency. Portions of the necessary Group A wiring were installed during production.

AIRCRAFT BREAKDOWN: Active -- 340 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete,

AMT FY-00 QTY AMT FY-99 OTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR OTY PROJECTED FINANCIAL PLAN RDT&E (3600)

3.7 340 PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS EQUIP NONREC INSTALL KITS EQUI PMENT

SUPPORT-EQUIP INSTALLATION OF HARDWARE SIM/TRAINER

(45) 0.7 0.7 35 (32) 0.1 0.1 2.8 2.8 263 (263) TOTAL INSTALL QTY/COST FY-88 340 KITS

9.0 9.0 9.0

(24)

1.1 1.1 1:1

45

0.7

0.1

10.0

340

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)	
RELOCATE FORWARD RWR ANTENNA	NUED)
MN-570051	IAL PLAN (CONTI
FACT SHEET: F-16	PROJECTED FINANCIAL

!	!	3.7	5.5	<u>}</u>	5.3	5.3	٠.			•	4			7	14	
AMT		m	m)	ស	2	12.5	_			n		_	ო :	14	
TOTAL	1	0				i v	! 0	FY-98		FY-92	N		FY-97	2 5	13	
QTY		340			(375)	375	340	FY-97	! ! !	•	-			- ;	14	
e AMT						! ! !		FY-96	!	·	,			m	17 16	
TO COMP						Ì	İ		•	FY-91	N 0	6	96-A		15	
T'Q						1 1 1		FY-95	! ! ! !	įr,	18	18	Ŀ	٠٠;	17	
臣								FY-94	!		18	18		4	- 1-	
-03 AMT									i	,		18		ო (10	
FY-03 QTY								FY-93		FY-9(18	18	FY-95	2 0	. o	
à	i					1	i	FY-92	! !	•	18	18		(<i>y</i> 0	
AMT						1				•	4			4.	18	
FY-02	1					ļ		FY-91	 		m		94		18	
QTY	 							FY-90	! ! !	FY-89	7		FY-94	7 5		
						<u> </u>	! !		İ	•	Н			٠,	18	
1 AMT							NG.)	FY-89		•	4			4		4
FY-01	i					i	IIQNO				ro.		۳	m		e B
QTY						! ! !	TO RO	FY-88	1/88	FY-88	7		FY-93	7		FY-98 2
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS PATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1 INPUT	OUTPUT	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 14 OUTPUT 14

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM DATE 02/14/97

MODIFICATION TITLE AND NO: SCREECH REDUCTION 129 ENGINE MN-6020

FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16

DESCRIPTION/JUSTIFICATION: F110-GE-129 engines are experiencing high screech levels on fielded engines. This screech is causing damage to the augmentor duct assembly, flame holder, fan core spray bars, local spray bars, and the exhaust nozzle liner. The damage includes broken or missing pieces and non-reparable cracks. 20 kits will mod spares.

AIRCRAFT BREAKDOWN: Active -- 237 RES -- 0 ANG -- 0 TEAM POWER PE 0207133F CENTER: ASC MODELS OF AIRCRAFT AFFECTED: F16 C/D (BLK 50)

DEVELOPMENT STATUS: In test.

PROJECTED FINANCIAL PLAN			٠										
	PR	PRIOR	FY-96	96	FY-97	.97	FY	FY-98	FY.	FY-99	FY-	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
	!!!!!!		1	1 1 1 1 1 1 1 1 1			1	1 1 1 1 1 1 1					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR									185	2.7	34	9.0	
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS													
DATA										0.5			
SIM/TRAINER													
SUPPORT-EQUIP													
MOD OF SPARES													
	i 1 1			1 1 1 1	1		t	*	1 1 1	1		1	
TOTAL COST (BP-1100)									185	3.2	34	9.0	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)											
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	A: INST.	ALLATION	ORG/INTE	RMEDIATE									
	INITIAL	INITIAL LEAD TIME 1 MONTHS	- 1 MONTH	Ø	FO	TTOM-ON I'E	AD TIME	FOLLOW-ON LEAD TIME 1 MONTHS					

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-16 MN-6020 SCREECH REDUCTION 129 ENGINE PROJECTED FINANCIAL PLAN (CONTINUED)

	FY	FY-01		FY-02		FY-03	TO	TO COMP	TO	TOTAL
	QTY	AMT	QTY	AMT	IT QTY	AMT	QTY	AMT	OTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									219	3.3
EQUI PMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.5
SIM/TRAINER										
SUPPORT-EQUIP										
MOD OF SPARES										
	1	 	1 1 1			1 1 1 1 1 1 1 1 1		1	! ! !	1 1 1 1
TOTAL COST (BP~1100)									219	3.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	DING.)								
	FY-96	FY-97	FY-98	FY-99	FY-00					
	1			1	1111					
CONTRACT-DATE (OTR/FY)	3/96	1/47		2/99	1/00					
DELIVERY-DATE (QTR/FY)	1/97	3/97		2/99	1/00					

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: BLOCK 30 NIGHT VISION IMAGING SYSTEM (NVIS) MN-602030

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16

DESCRIPTION/JUSTIFICATION: This effort incorporates Night Vision Imaging System (NVIS) Compatible Lighting kits. This modification includes internal and external lighting and uses the post and bezel solution for lighting of the primary flight instruments. This a follow-on program to the Guard/Reserve 160 unit buy in FY96-97. This program will involve a new source selection and contract. TEAM POWER PE 0207133F CENTER: ASC MODELS OF AIRCRAFT AFFECTED: F-16 BLOCK 25/30/32

AIRCRAFT BREAKDOWN: Active -- 192 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY-96	96	FY-97	97	FY-98	86	FY-99	66-	FY-	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY 	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							70	3.8	145	7.8	70	3.8
KITS NONRECUR								0.3				
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT~EQUIP												
INSTALLATION OF HARDWARE												
FY-98 70 KITS							(32)	0.4	(32)	0.4		
FY-99 145 KITS									(110)	1.4	(32)	0.4
FY-00 70 KITS											(07)	0.7
				1			-				1	1114414
TOTAL INSTALL QTY/COST							35	0.4	145	1.8	105	1.1
		1	-						1 1 1 1	111111111111111111111111111111111111111		
TOTAL COST (BP-1100)							70	4.5	145	9.6	70	4.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNE	ING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	4: INST	ALLATION	DEPOT									
Į.	INITIAL I	INITIAL LEAD TIME 3 MONTHS	- 3 MONTHS	•	[0]	FOLLOW-ON LEAD TIME 3 MONTHS	AD TIME	- 3 MONTHS				

*** UNCLASSIFIED *** PAGE 030-30

÷	
(NVIS)	
BLOCK 30 NIGHT VISION IMAGING SYSTEM	
VISION	
NIGHT (
30	
BLOCI	UED)
MN-602030	(CONTIN
×Κ	PLAN
r: F-16	ROJECTED FINANCIAL PLAN
SET:	ED F
FACT SHEET	JECTE
FACT	PROU

(CONTINUED)

	FY-01	01		FY-02		FY-03	33		TO COMP	ďΡ		TOTAL	. 7	
	QTY	AMT			AMT C	QTY	AMT	QTY	_	AMT	QTY	_	AMT	
RDI&E (3600)	!		! ! !		i !		i i i i	1	! !	 		i !		
PROCUREMENT (3010)														
INSTALL KITS											26	285	15.4	
KITS NONRECUR													0.3	
EQUIPMENT														
EQUIP NONREC														
CHANGE ORDERS														
DATA														
SIM/TRAINER														
SUPPORT-EQUIP														
INSTALLATION OF HARDWARE														
FY-98 70 KITS											(07)	()	0.8	
145											(145)	5)	1.8	
FY-00 70 KITS											(07)	6	0.7	
			1			-	!	!!!!!			1			
TOTAL INSTALL QTY/COST												285	3,3	
11001			! ! !									285	19.0	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	ING.)									í	2		
	FY-96	FY-97	FY-98	FY-99	FY-00									
		;]]]		1	-									
CONTRACT-DATE (QTR/FY)			2/98	1/99	1/00									
DELIVERY-DATE (QTR/FY)			3/98	2/99	2/00									
INSTALLATION SCHEDULE:	FY-96		FY-97	.97		FY-98			FY-99			FY-00	0	
QUARTERS 1	7	3 4	1 2	2 3	4 1	7	m	1	7	٣	4 1	7	m	
INPUT							15 20	35	36		37 35	35	35	
THEFT							15 20	35	36	37 3	7 35	35	35	

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

PE 0207133F TEAM POWER

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: BLOCK 40 CAS NIGHT VISION IMAGING SYSTEM (NVIS) MN-602040

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: BLOCK 40

DESCRIPTION/JUSTIFICATION: This mod improves the Air Force's ability to provide Close Air Support (CAS) for the Army and to perform night combat missions. This program integrates Night Vision Imaging System (NVIS) on Block 40/42 an some Block 50 aircraft.

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

AIRCRAFT BREAKDOWN: Active -- 492 RES -- 0 ANG -- 82

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	i	į	i	· ·	i	ţ	i	·	i		i	9
	PRIOR	OK AMT	FY-96 QTY	lb AMT	er-9/	AMT	FY-98 QTY	B AMT	er-99 Oty	AMT	OTY YTO	OU AMT
RDT&E (3600)	 		1		 	-		6.1	!	 	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	
PROCUREMENT (3010) INSTALL KITS KITS NONBECHB							80	4.1	157	8.1	225	11.5
EQUIPMENT FOULD NONBEC												
CHANGE ORDERS												
DATA								1.1		1.3		1.1
SIM/TRAINER								2.9				
SUPPORT-EQUIP								6.0		1.3		1.3
INTEGRATION								3.8		7.3		8.8
INSTALLATION OF HARDWARE												
FY-98 80 KITS									(08	1.8		
157									(99	1.3	(91)	1.9
FY-00 225 KITS											(133)	2.8
FY-01 112 KITS												
			1								-	
TOTAL INSTALL OTY/COST									146	3.1	224	4.7
TOTAL COST (BP-1100)	1		-		! ! ! !	! ! !	80	12.8	157	21.1	225	27.4
DUE	~ £	TO ROUNDING.) N: INSTALLATION DEPOT/FIELD TEAM INTITAL LEAD TIME 9 MONTHS	DEPOT/FIE	LD TEAM	FOI	FOLLOW-ON LEAD TIME 6 MONTHS	TIME	SHINOM 9				
							:					

*** UNCLASSIFIED *** PAGE 030-32

*** UNCLASSIFIED ***

(CONTINUED)	
(NVIS)	
BLOCK 40 CAS NIGHT VISION IMAGING SYSTEM (NVIS)	
IMAGING	
VISION	
S NIGHT	
40 CA	
BLOCK	NUED)
40	(CONTI
Ψ	PL.AN
FACT SHEET: F-16	PROJECTED FINANCIAL PLAN (
SHEET:	CTED F
FACT	PROJE

	FY	FY-01		FY-02	.02 AMT		FY-03)3 AMT		10	TO COMP	_	T	TOTAL	T-MA	
	; ;		' !	. !		' 			' !	; ;		.		-		
RDT&E (3600)																
OCUREMENT (3010)															;	
INSTALL KITS KITS NONRECUR	112	L)	5.9										574		29.6	
EQUI PMENT	(112)															
EQUIP NONREC																
CHANGE ORDERS																
DATA		0	0.5		0	0.1									4.1	
SIM/TRAINER															2.9	
SUPPORT-EQUIP		0	0.7		0	0.1									4.3	
INTEGRATION		7	7.3		0	۳.									27.5	
NSTALLATION OF HARDWARE																
FY-98 80 KITS													(08)		1.8	
FY-99 157 KITS													(157)		3.2	
FY-00 225 KITS	(65)	1	1.4										(222)		4.2	
FY-01 112 KITS	(112)	ц	5.9										(112)		5.9	
			1	-				1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1		1	1	
TOTAL INSTALL QTY/COST	204	7											574		15.1	
TOTAL COST (BP-1100)	112	21.7		! ! !	0.5	-		 				<u> </u>	574		83.5	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)			•	!										
	FY-96	FY-97	ш.		FY-99	FY-00	FY-01									
Val dec) seed endednings			00/6		7007	1,00	1/01									
CONIRACI-DAIE (ZIR/FI) DELIVERY-DATE (QTR/FY)			1/99		3/99	3/00	3/01									
INSTALLATION SCHEDULE:	FY-96			FY-97			FY-98			FY-	FY-99		Ĺ	FY-00		
QUARTERS 1	5	3	7	2	ъ	4	7	ю	4	1 2		4		7		4
INPUT										23 2	20	46	26	26	26	26
OUTPUT									•			4 6		26		99
INSTALLATION SCHEDULE:	FY-01															
INPUT 56																
OUTPUT 56	56	56 36														

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P TEAM POWER PE 0207133F MODIFICATION TITLE AND NO: BLOCK 50 MODIFIED MODULAR MISSION COMPUTER (MAMC) MN-602150 MODIFICATION OF AIRCRAFT FY 1998 PROGRAM CENTER: ASC MODELS OF AIRCRAFT AFFECTED: BLOCK 50/52 DATE 02/14/97 FY 1998 PB

DESCRIPTION/JUSTIFICATION: The mod produces and incorporates the Modified Modular Mission Computer into Block 50/52 F-16's. MMCs are being installed in Taiwan production aircraft, and are part of the MLU retrofit effort.

AIRCRAFT BREAKDOWN: Active -- 238 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: The MMC is undergoing Durability Life Testing at LMTAS. This includes vibration and environmental testing. This is the final phase of development of the MMC.

PROJECTED FINANCIAL PLAN	<u> </u>	PRTOR	94 - 9A	96	FY-97	47	F.Y.	FY-98	F.	FY-99	£	FY-00
	OTY	AMT	1	AMT	:	AMT	QTY	AMT	OTY	AMT	QTY	AMT
RDT&E (3600)	 - - - -	i i i i i		5.1		16.8		3.8				
PROCUREMENT (3010)									44	9.9	84	12.6
KITS NONRECUR											,	
equi pment									(44)	17.6	(84)	33.6
EQUIP NONREC												,
CHANGE ORDERS										1.3		3.4
DATA										1.7		1.7
SIM/TRAINER										9.9		
SUPPORT-EQUIP										20.4		2.6
INSTALLATION OF HARDWARE												
FY-99 44 KITS												
FY-00 84 KITS												
FY-01 84 KITS												
56												
	1 1 1			1 1 1 1 1 1 1			t t	1	1	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST												
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1	1111111			1	* * * * * * * * * * * * * * * * * * * *
TOTAL COST (BP-1100)									44	54.2	84	53.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUR	(DING.)	000									
METHOD OF IMPLEMENTATION: INSTALLATION DEPOI INITIAL LEAD TIME 24 MC	HITIAL	N: INSTALLATION DEFOT INITIAL LEAD TIME 24 MONTHS	DEFOT - 24 MONT	HS	FO.	LLOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 24 MONTHS	S			

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-602150 BLOCK 50 MODIFIED MODULAR MISSION COMPUTER (MAMC) PROJECTED FINANCIAL PLAN (CONTINUED)
502150 (CONTIN
502150 (CONTIN
EET: F-16 MN'ED FINANCIAL PLAN

	Ē	FY-01			FY-02	0		F.	FY-03		Į.	TO COMP		TOT	TOTAL.	
	QTY		AMT	QTY		AMT		QTY	AMT	E !	QTY	AMT		OTY	AMT	
RDT&E (3600)																
ROCUREMENT (3010)	ō		3 61		90		0							238	35.7	
KITS NONRECUR	, 0		0.21		0	,	n .							000	•	
EQUIPMENT	(84)		33.6	~	26)	1	10.4								95.2	
EQUIP NONREC																
CHANGE ORDERS			3.9												8.6	
DATA '			1.3												4.7	
SIM/TRAINER															9.9	
SUPPORT-EQUIP															23.0	
ASTALLATION OF HARDWARE																
FY-99 44 KITS	(44)		6.8										_	44)	6.8	
FY-00 84 KITS				_	84)	H	13.3						_	84)	13.3	
FY-01 84 KITS							~	84)	-	13.6			_	84)	13.6	
FY-02 26 KITS											(26)	•	4.2 (26)	4.2	
TOTAL INSTALL OTY /COST	1 4 4		1 8	84	1 8	13.3	•	84	13.6	13.6	26	,	. 2.4	238	38.0	
tone tribaness tribaness	; ;] 			; ;)	? !	1 1	1 1 1	: !			
TOTALS MAY NOT ADD DUE TO ROUNDING.)	84 TO ROUR	dDING.	58.1		26	2.				13.6		•	4.2	238	211.7	
MILESTONES	FY-96	FY-97	76.	FY-98		FY-99	FY-00	FY-01		FY-02	FY-03	FY-04				
		1	•			-	1	Ť	,	-						
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)					7,	1/99 1/01	1/00	1/01		1/02 1/04						
TNETALL ATTON SCHEDILE.	FV=01				5V-03			FY-03	~		i.	40~Y-				
QUARTERS 1	2 2	က	4	· 	2 2	က	4	1 2	ر د	4		2 3	4			
	12	12		21			21 21		21	21		ε. ₁				
OUTPUT 8	12	12	12	21	21	21		1 21	21	21	13	13				

PAGE 030-35

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

MODIFICATION TITLE AND NO: PRE BLK 40 STRUCTURAL IMPROVEMENT PROGRAM MN-6022

DESCRIPTION/JUSTIFICATION: Engineering test, analysis, and user's experience indicate the aircraft structure will not meet the needed 8000 hour service life. The structural improvement program combines the following major structural modifications into one overall program: ECPs 1910 and 1947 fuel shelf/wing carry through bulkhead, and ECP 1992 vertical tail aft mounting pads bulkhead FS 479. TEAM POWER PE 0207133F CENTER: ASC MODELS OF AIRCRAFT AFFECTED: F-16 C/D PRE -40

AIRCRAFT BREAKDOWN: Active -- 235 RES -- 91 ANG -- 333

DEVELOPMENT STATUS: Under provision of the Correction of Deficiency (COD), no development procedures were required prior to contract

PROJECTED FINANCIAL PLAN	ć	gorda	Ē	90 AH	ì	2	È	0	Ē			O N	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	- 30 AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010) INSTALL KITS	281	10.0	116	2.9	160	7.4	116	5.0	29	1.2			
KITS NONRECUR													
EQUIP NONREC													
CHANGE ORDERS		1.5		0.9		0.9		1.7		0.5		1.7	
DATA													
SIM/TRAINER													
SUPPORT-EQUIP		,											
TOOLING		2.8											
SPARES		3,3										0.5	
၁၅၀				2.0		1.8		2.6		2.3		1.0	
INSTALLATION OF HARDWARE													
33	(33)	6.6											
64	(64)	19.1											
	(23)	6.2	(69)	19.5									
95			(23)	9.9	(69)	15.0							
FY-96 116 KITS					(23)	11.5	(6)	25.2					
							(23)	9.2	(111)	31.0	(20)	5.3	
FY-98 116 KITS											(96)	25.2	
FY-99 29 KITS													
	-						1		1		1		
TOTAL INSTALL QTY/COST	120	35.2	95	26.1	95	26.5	116	34.4	117	31.0	116	30.5	
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1	1			1	
TOTAL COST (BP-1100)	281	52.8	116	31.9	160	36.6	116	43.7	29	34.9		33.7	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	$^{\circ}$	OING.)											
METHOD OF IMPLEMENTATION:		INSTALLATION DEPOT	DEPOT										

INITIAL LEAD TIME -- 14 MONTHS

*** UNCLASSIFIED *** PAGE 030-36

FOLLOW-ON LEAD TIME -- 18 MONTHS

ļ		S	œ	& &	0	6	1,	- 49	7	4.0	1	. <u>.</u> 9	i v			23 23	37
AMT		26.5	8.8	3.8	14.0	6.6	19.1	21.6	36.	45.4		185.6	241.5			23 3	
TOTAL																FY-96 2 23 23	FY-01 2 3
QTY		702				33)	64)	92)	116)	160)	29)	702	702	7Y-01		1 23 23	~ v
. !	!							-				!	!	FY-01		4 23 23	29
MP AMT													 	FY-00		5 16 16	29
TO COMP	!											!	!			FY-95 2 16 16	FY-00 2 29
T												; ; ;		FY-99	2/99	1 16 16	1 29
£												!	!	FY-98	2/98	4 16 16	29
FY-03 AMT												! ! !				1 31 11	30 30
1	!											!	<u> </u>	FY-97	2/97	FY-94 2 10 10	FY-99 2 29
QTY												İ	į	FY-96	96/1	1 7 7	1 29
AMT													! ! ! !	FY.	2/96	423	29
FY-02												İ	i !	FY~95	2/95	e e	29
F) QTY	! !											!	!			FY-93 2	FY-98 2 29
o.			10		m					,	_		i . o	FY-94	2/94	#	1 29
AMT			1.6		4.3					,	7.0	2.0	7.9	FY-93	4/93	4	23
FY-01												į	NDING			m	3 23
	 									ć	29)	49	TO ROL	FY-92	3/92	FY-92 2	FY-97 2 23
	•				1	ARE				•		ST	COTAL COST (BP-1100) TOTALS MAY NOT ADD DUE TO ROUNDING.)		FY) FY)	LE:	LE: 1 23
		ĉ				HARDWARE KITS	KITS	KITS	KITS	KITS	KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT 2
	(00	(301) FTS SCUR	REC DERS SR	ZOIP				26			29	PALL (r (BP.		DATE	ATION SCH QUARTERS INPUT OUTPUT	ATION SCH QUARTERS INPUT
	RDT&E (3600)	OCUREMENT (30. INSTALL KITS KITS NONRECUR	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP TOOLING SPARES		ATIO			1		•	INS	TOTAL COST (TOTALS MA)		vact-i jery-i	NLLAT: QUZ	ALLAT: QU?
	RDT&E	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP CHANG DATA SIM/T	SUPPORT TOOLING SPARES	250	INSTALLATION OF FY-92 33	FY-93	FY-95	FY-96	FY-97	FY-98	TOTAL	TOTAI (TOTE		CONTE	INST	inst <i>i</i>

PAGE 030-37

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: BLOCK 40 STRUCTURAL IMPROVEMENT MN-602240

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

TEAM POWER

PE 0207133F

MODELS OF AIRCRAFT AFFECTED: BLOCK 40/42

DESCRIPTION/JUSTIFICATION: Engineering test, analysis, user's experience indicate aircraft structure will not meet the needed 8000 hour service life. Delays may lead to further structural degradation which will be costly to correct, and may impact flight safety. Funds would also be used to install aircraft kits resulting from correction of deficiency (COD) ECP's and structural changes to the Block 40

CENTER: ASC

DEVELOPMENT STATUS: Under provision of the COD, no development procedures were required prior to contract award. FY95 money will start the installation of kits provided by Lockheed. Under agreement with Lockheed, they provide the kits and the Air Force provides the installation dollars.

	FY-00	AMT		
	ČE.,	QTY		
	FY-99	AMT		
	Œ	QTY		
	FY-98	AMT		
	Œ	QTY		
	FY-97	AMT		
	Œ	QTY		
	FY-96	AMT		
	Œ	QTY		
	PRIOR	AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	E.	QTY	1	
PROJECTED FINANCIAL PLAN				
INANCI				(009
ECTED F				RDT&E (3600)
PROJ				RD

	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	OTY
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1		1		
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUI PMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
COD KITS ((84)		(84)		(84)		(84)		(45)		
INSTALLATION OF HARDWARE											
	į				1	!				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL OTY/COST		11.9	84	18.5	84	13.4	84	17.8	45	6.6	
TOTAL COST (BP-1100)		11.9		18.5		13.4	1	17.8	1	9.6	!
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)									
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	N: INS	TALLATION	· DEPOT								
I	INITIAL	INITIAL LEAD TIME 1 MONTHS	1 MONT	'HS	-	FOLLOW-ON LEAD TIME 1 MONTHS	AD TIME	1 MONTHS			

FACT SHEET: F-16 MN-602240 BLOCK 40 STRUCTURAL IMPROVEMENT PROJECTED FINANCIAL PLAN (CONTINUED) FACT SHEET: F-16

(CONTINUED)

AMT TOTAL QTY AMT TO COMP QTY AMT FY-03 QTY AMT FY-02 QTY AMT FY-01 QTY

RDT&E (3600)

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP

COD KITS

INSTALLATION OF HARDWARE

TOTAL INSTALL QTY/COST

71.5 71.5

381

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
MILESTONES

FY-99 1/99 FY-98 1/98 FY-97 1/97 FY-96 1/96 1/96 FY-95 1/95 1/95 CONTRACT-DATE (QTR/FY)
DELIVERY-DATE (QTR/FY)

4 21 21

3 21 21

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE TEAM POWER EXHIBIT P3A CONGRESSIONAL PE 0207133F CLC F-16 MODIFICATION TITLE AND NO: BLOCK 30 ENHANCED FIRE CONTROL COMPUTER UPGRADE MN-610330 MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MODELS OF AIRCRAFT AFFECTED: BLOCK 25/30/32 DATE 02/14/97

CENTER: ASC

DESCRIPTION/JUSTIFICATION: Increases throughput and memory and removes obsolete parts.

DEVELOPMENT STATUS:

0.3 3.2 4.7 1.2 AMT FY-00 300 300 QTY 2.1 9.0 5.7 2.2 AMT FY-99 200 200 QTY AMT FY-98 QTY AMT FY-97 QTY TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 2 MONTHS AMT FY-96 QTY AMT PRIOR QTY INSTALLATION OF HARDWARE FY-99 200 KITS FY-00 300 KITS FY-01 300 KITS PROJECTED FINANCIAL PLAN TOTAL INSTALL QTY/COST PROCUREMENT (3010) KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS RDT&E (3600) SIM/TRAINER

FOLLOW-ON LEAD TIME -- 2 MONTHS

(CONTINUED)	
UPGRADE	
BLOCK 30 ENHANCED FIRE CONTROL COMPUTER UPGRAD	
CONTROL	
FIRE	
ENHANCED	
30	
BLOCE	INUED)
MN-610330	PLAN (CONT
F-16	NANCIAL
FACT SHEET:	PROJECTED FINANCIAL PLAN

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

MODIFICATION TITLE AND NO: BLOCK 50 IMPROVED AIRBORNE VIDEO TAPE RECORDER (IA MN-6400 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Provides kits to install Improved Airborne Video Tape Recording System (IAVTR) in the F-16 Block 50/52 aircraft devliver prior to FY97. IAVTR provides two hour, three sensor (HUD, IMFD, RMFD) color video recording for training, mission planning, battle damage assessment, and mission debriefing

AIRCRAFT BREAKDOWN: Active -- 228 RES -- 0 ANG -- 18 PE 0207133F TEAM POWER CENTER: ASC MODELS OF AIRCRAFT AFFECTED: BLOCK 50/52

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN	PF	PRIOR	ΕŸ	FY-96	FY	FY-97	FY	FY~98	FY	FY-99	Ē	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
	1 1			!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS			246	4.4									
KITS NONRECUR			-1	0.2									
EQUI PMENT													
EQUIP NONREC				0.5									
CHANGE ORDERS				0.3								•	
DATA													
SIM/TRAINER													
SUPPORT-EQUIP				0.5									
	1		1			1 1 1 1 1 1	1 1 1			1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
TOTAL COST (BP-1100)			247	5.9									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	IDING.)											
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	I: INST	NOLLATION	ORG/INT	SRMEDIATE									
I	NITIAL	INITIAL LEAD TIME 12 MONTHS	- 12 MON	LHS	Ē	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 0 MONTHS					

*** UNCLASSIFIED *** PAGE 030-42

(CONTINUED)	
(IA	
BLOCK 50 IMPROVED AIRBORNE VIDEO TAPE RECORDER (IA	
TAPE	
VIDEO	
AIRBORNE	
IMPROVED	
50	
BLOCK	NTINGED)
MN-6400	PLAN (CO
F-16	PROJECTED FINANCIAL PLAN
FACT SHEET: F-16	TED F1
T. SI	OJECTEI
FAC	PRC

	FY-01	01	Œ	FY-02		FY-03	33	TO	TO COMP	TO	TOTAL
	QTY	AMT	QTY	AMT			AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	!		\$ \$ \$	1 1 1 1 1		• • • •	1 1 1 1 1 1				
ROCUREMENT (3010)										246	4.4
KITS NONRECUR										,	0.2
EQUI PMENT											,
EQUIP NONREC											0.5
CHANGE ORDERS											0.3
DATA											
SIM/TRAINER											,
SUPPORT-EQUIP											0.5
	1 1 1		1 1 1	1 1 1 1 1 1 1 1		! ! ! !	1	 	 	1	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNI	ING.)								247	o.3
MILESTONES											
	FY-96	FY-97	FX-98	FY-99	FY-00	FY-01					
	1	1	1 1 1 1		!	1 1					
CONTRACT-DATE (QTR/FY)		3/97				2/01					
DELIVERY-DATE (QTR/FY)		3/98				2/02					

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

CENTER: ASC

TEAM POWER

PE 0207133F

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: F110 TURBINE FRAME OIL TUBE/VSV MN-F19000

MODELS OF AIRCRAFT AFFECTED: BLOCK 30/40

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16

the bolts during disassembly. This ECP provides a self wrenching feature to counteract the torque. The mod also provides for radiographic inspection of the HPC Variable Stator Vane (VSV) section to prevent misalignment and Support Equipment to detect the VSV misalignment. The FIIO family of engines has experienced misassemblies of the VSV system, causing a Non-Recoverable In-Flight Shut Down (NRIFSD) rate 3 times greater than the single engine fighter threshold of 0.5 per million flying hours. There have been 3 F-16 Class A accidents/incidents associated with this issue. Installations for VSV are included as part of depot overhaul. This mod improves the non-recoverable in-flight shutdown rate from 2.46 to .73 per million engine flying hours. DESCRIPTION/JUSTIFICATION: A crack found in ESN 509165 turbine frame oil supply tube was caused by excessive assembly torque or seizing of

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	908	0.2										
KITS NONRECUR	11											
EQUI PMENT	(429)	2.6	(364)	2.2	2.2 (297)	1.8 ((20)	0.3				
EQUIP NONREC		1.5										
CHANGE ORDERS		0.1										
DATA												
SIM/TRAINER												
SUPPORT-EQUIP	(16)	0.1										
C KITS	(824)											
RADIOGRAPHY		0.8										
INSTALLATION OF HARDWARE												
FY-92 823 KITS												
	!	1 1 1 1 1 1	!	1	!!!!			!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1	1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST												
	1 1 1		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1		1		1	
TOTAL COST (BP-1100)	823	5.3		2.2		1.8		0.3				
(TOTALS MAY NOT ADD DUE	TO ROUNDING.)	DING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION COMBINATION	- COMBINA	rion								
	TNTTAL	NITTAL LEAD TIME 12 MONTHS	12 MON	THS	ĹŦ.	LI NO-WOLLO	SAD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	S			

UNCLASSIFIED *** PAGE 030-44 * * *

AME OIL TUBE/VSV	
F110 TURBINE FRAME OIL 1	_
MN-F19000 F11	AN (CONTINUED)
FACT SHEET: F-16 N	PROJECTED FINANCIAL PLAN

(CONTINUED)

TOTAL AMT		0.0	6.9 1.5 0.1	0.0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9.6		
TOI QTY		806				.	823		
COMP					 1 1 1	1			
TO COMP	 t t t					1		FY-98 1/99	
3 AMT						. !		FY-97 1/97 1/98	33 4 75 75
FY-03 QTY					i !			FY-96 3/96 3/97	FY-93 2 3 274 275 274 275
	; ;							FY-95	4 1 274 274
FY-02 AMT					! ! ! ! ! ! !			FY-94 3/96 3/97	3
QTY	!					t :		FY-93	FY-92
)1 AMT	1 1 1 1				3 3 4 8 8	1	ING.)	FY-92	4
FY-01 QTY					1 1 1 1		TO ROUND	FY-91 1/92 1/92	FY-91
	RDT&E (3600)	ROCUREMENT (3010) INSTALL KITS KITS NONRECHR	EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP C KITS RAHIOGRAPHY	NSTALLATION OF HARDWARE FY-92 823 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The F110-GE-100 DEC hardware retrofit improves the long-term reliability and maintainability of the Block 50 F-16. Failure to incorporate this retrofit will keep the DEC's most unreliable circuit board in service and continue to require excessive maintenance. The -129 power supply board is the leading cause of DEC mode transfers for the Block 50's. Incorporation of this retrofit will reduce the number of DEC mode transfers by 50%.

AIRCRAFT BREAKDOWN: Active -- 236 RES -- 0 ANG -- 18 TEAM POWER PE 0207133F CENTER: ASC MODIFICATION TITLE AND NO: F-110-GE-129 (DEC) UPGRADE MN-F19400 MODELS OF AIRCRAFT AFFECTED: BLOCK 50

DEVELOPMENT STATUS: Complete. Funded through through the Engine Component Improvement Program (CIP).

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY	FY-96	Œ	FY-97	Œ	FY-98	£	FY-99	FY	FY-00
	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1	1		1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1	!	1 1 1 1 1 1 1
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			219	6.9	61	1.9						
KITS NONRECUR			24	0.7								
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP				0.5								
	1 1	1	1 1 1	1 1 1 1 1 1 1	!				1		1	
TOTAL COST (BP-1100)			243	8.0	61	1.9						
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	ORG/INT	ERMEDIATE								
	INITIAL 1	INITIAL LEAD TIME 12 MONTHS	- 12 MON	THS		OLLOW-ON LE	SAD TIME	FOLLOW-ON LEAD TIME 6 MONTHS				

*** UNCLASSIFIED *** PAGE 030-46

(CONTINUED)

FACT SHEET: F-16 MN-F19400 F-110-GE-129 (DEC) UPGRADE PROJECTED FINANCIAL PLAN (CONTINUED)

	FY	FY-0.1	FY	FY-02	FY	FY-03	T ₀	TO COMP	TO	TOTAL
	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDI&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									280	8.7
KITS NONRECUR									24	0.7
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA '										
SIM/TRAINER										
SUPPORT-EQUIP										0.5
		1 1 1 1 1	1		1	1 1 1 1 1 1 1	-	1	1	1 1 1 1 1 1 1
TOTAL COST (BP-1100)									304	6.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)								
MILESTONES										
	FY-96	FY-97								
	1	1 ! ! ;								
CONTRACT-DATE (QTR/FY)	5/96	2/97								
DELIVERY-DATE (OTR/FY)	4/96	4/97								

PAGE 030-47
*** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB
MODIFICATION TITLE AND NO: F110 DEC HARDWARE RETROFIT MN-F19410

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

DESCRIPTION/JUSTIFICATION: This retrofit improves the reliability and maintainability of the driver LRU on the F110 DEC and provides on-wing reprogramming capability for the Block 30/40/50. Currently, the DEC cannot be reprogrammed without removing it from an engine. On-wing reprogramming will provide significant O&S savings and allow implementation of operational capability improvements. TEAM POWER PE 0207133F CENTER: ASC MODELS OF AIRCRAFT AFFECTED: F-16C/D

DEVELOPMENT STATUS: Complete. Funded through through the Engine Component Improvement Program (CIP).

PROJECTED FINANCIAL PLAN											
	PR	PRIOR	FŸ	FY-96	FY	FY-97	FY	FY-98	Œ	FY-99	iz.
	ΔIX	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY
							1	1 1 1 1 1 1			1
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS							45	0.3	324	2.3	324
KITS NONRECUR											
EQUI PMENT											
EQUIP NONREC					÷						
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
			1 1 1						1		
TOTAL COST (BP-1100)						*	45	0.3	324	2.3	324
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)									
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	INST	ALLATION	ORG/INTE	RMEDIATE							
I	VITIAL	INITIAL LEAD TIME 9 MONTHS	- 9 MONTE	IS	ŭ	FOLLOW-ON LEAD TIME 6 MONTHS	AD TIME	6 MONTHS			

2.4

AMT

FY-00

2.4

FACT SHEET: F-16 MN- PROJECTED FINANCIAL PLAN	Ē.	TINC	F110 DEC HARDWARE RETROFITIED)	DWARE RE	TROFIT	ì	_	C E		(CONTINUED)	, rece
	OTY	FY-01 AMT	QTY	FY-U2 AMT		FI-03 QTY 	AMT	QTY	TO COMP	OTY OTH	AMT
RDT&E (3600)											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	200	1.5	29		0.3					922	8.
SUPPORT-EQUIP	1	1	1 1 1	1		i !	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1		
TOTAL COST (BP-1100) 200 (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	200 E TO ROUN	1.5 DING.)	29		0.2					922	6.8
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02				
	1	1	1	1	1		!				
CONTRACT-DATE (QTR/FY)			2/98	1/99	1/00	1/01	1/02				
DELIVERY-DATE (QTR/FY)			1/33	3/33	2/00	7/07	3/02				

PAGE 030-49
*** UNCLASSIFIED ***

UNCLASSIFIED

		BUDGET ITEN (EXHIB	T ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	MODIFICATION	SN	P-1 ITEM NOMENCLATURE: EF-111	ATURE: EF-111			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$0.001	\$0.861	\$0.236					

This line item funds modifications to the EF-111 aircraft. The EF-111 is a twin engine, two seat, supersonic, long-range electronic warfare aircraft which denies, degrades, deceives and disrupts enemy early warning, ground controlled intercept, and acquisition radars. The overall goal of the modification budgeted in FY98 is to efficiently comply with contract termination provisions for program termination. The specific modification budgeted and programmed is halow.

ovisions f	or progra	ovisions for program termination. The specific modification budgeted and programmed is below.	idgeted and i	orogramme	ed is below.							
	MOD		FY-96	FY-97	FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFICATION TITLE									TO GO	PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS		0.7	0.2							1.0
		CLASS P-S TOTAL FOR EF-111		0.7	0.2							
Ъ	288888	REPROGRAMMINGS		0.1								4.4
		CLASS P TOTAL FOREF-111		0.1								
TOTAL	TOTAL FOR EF-111	F-111		0.9	0.2							

Totals may not add due to rounding.

	7.7	BC 7
	PAGE NO	
	P-1 SHOPP LIST	ITEM NO. 031
•		

		BUDGET ITEN (EXHIB	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIO	RAFT MODIFICATION	SNO	P-1 ITEM NOMENCLATURE: T/AT-37	LATURE: T/AT-37			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$0.088	\$0.096	\$0.095	£60'0\$	\$0.093	\$0.092	\$0.093	\$0.090

The T-37 is a twin engine, two seat (side-by-side), subsonic jet trainer used by AETC as a primary trainer in Undergraduate Pilot and Navigator Training. The overall goal of the modification budgeted and programmed is below.

TOTAL PROG.	0.8		
COST TO GO			
FY-03	0.1	0.1	0.1
FY-02	0.1	0.1	0.1
FY-01	0.1	0.1	0.1
FY-00	0.1	0.1	0.1
FY-99	0.1	0.1	0.1
FY-98	0.1	0.1	0.1
FY-97	0.1	0.1	0.1
FY-96	0.1	0.1	0.1
MODIFICATION TITLE	LOW COST SAFETY MODIFICATIONS	P-S TOTAL FOR A/T-37	
_		CLASS P-S	TOTAL FOR A/T-37
MOD			IL FOR
CLASS	P-S		TOTA

Totals may not add due to rounding.

P-1 SHOPP LIST PAGE NO. ITEM NO. 032

UNCLASSIFIED

237

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUA	-EBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	DGET ACTIVITY JREMENT AF/AIRCF	ROPRIATION/BUDGET ACTIVITY AIRCRAFT MODIFICATIONS	dS.	P-1 ITEM NOMENCLATURE: C-5	LATURE: C-5			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$60.917	\$54.023	\$83.036	\$75.656	\$147.008	\$117.177	\$119.803	\$81.766

This line item funds modifications to the C-5 aircraft. The four engine C-5 carries outsized and heavy cargo (tanks, helicopters, etc.) between main operating bases. The aircraft routinely carries 73 troops and 36 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

	ž	5.6	1.3		77.9	222.7	6.0	69.5	67.2	2.1	0.4	6.1	0.1	5.3	1.5	5.3	262.2			4.3	2.3	5.7	7.0	9.1	39.8	1.5	7.6	4.5	,
COST	05 O.T.																	90.4	6.5										
FY-03									1.7									48.9	30.5						0.4	0.1			
FY-02									11.2								28.9	10.8							9.9	0.4	1.9		
FY-01									5.2							4.3	54.4	44.4							5.7	0.4	2.7		
FY-00									10.8			0.3		3.9		1.1	65.4	44.8							13.5	0.4	2.6	4.3	
FY-99								5.4	8.3			0.5		1.5			52.1				2.3				4.4	0.2	0.8	0.2	
FY-98			0.2	0.2		5.0		4.8	9.3	0.5		0.4			1.5		43.9				-	1.4	7.0	9.1					
FY-97					3.1	6.4		4.8	5.6	1.6							17.4					4.2			9.1		1.8		
FY-96		0.7	0.3	1.0	1.6	13.1	0.2	33.5	1.3		0.4	4.9	0.1							4.3		0.1							
	MODIFICATION TITLE	THRUST REVERSER INDICATING SYS	LOW COST SAFETY MODIFICATIONS	CLASS P-S TOTAL FOR C-5	MLG/DOOR ACTUATING SYSTEM (R&M	MADARS REPLACEMENT	IMPROVED BOLTING NOZZLE SEAL	NAVSTAR GLOBAL POSITIONING SYS	AIRLIFT DEFENSIVE SYSTEMS	REDUCED VERTICAL SEPARATION MI	THRUST RECOVERY CABIN OUTFLOW	COMPARTMENT FLOOR CORROSION PR	INSTALLATION OF NOSE LANDING G	TF39 ENGINE VAPOR BARRIER	D-SUMP LUBE LINE MODIFICATION	SMART ENGINE DIAGNOSTICS	TF39 ENGINE HIGH PRESSURE TURB	AUTOPILOT AND FLIGHT AUGMENTAT	COCKPIT/COURIER FLOOR STRESS P	L-BAND SATCOM AND CJTF-C2 COMM	HYDRAULIC SURGE CONTROL -EASY	STANDBY ATTITUDE INDICATOR	REPLACE FUEL FLOW TRANSMITTER	ANTI-SKID RELIABILITY UPGRADE	STATION KEEPING EQUIPMENT	AIRDROP SYSTEM EQUIPMENT	AIRCRAFT FORMATION LIGHTING	SINCGARS	
МОБ	N.	21107A	99999A	O.	14220B	15203B	23121B	3150	3455	06030	6031	6032	6033	6034	6035	9603	6037	6038	6603	6046	6103	6150	6151	6152	96001	96002	96003	96004	
6	CLASS	P-S			ىم																								

Totals may not add due to rounding.

P-1 SHOPP LIST	PAGE NO.	
LIEM NO. 033		1
	UNCLASSIFIED	

UNCLASSIFIED

		BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	EM JUSTIF IBIT P-40)	ICATION							DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI		SNO		P-1 ITEN	P-1 ITEM NOMENCLATURE: C-5	LATURE	မှ				
	1996	1997		1998		1999		2000		2001	2002	2003
COST (in Mil)	\$60.917	\$54.023		\$83.036	69	\$75.656	\$	\$147.008	\$1	\$117.177	\$119.803	\$81.766
Ü	CLASS P TOTA	TOTAL FOR C-5	59.9	54.0	82.8	75.7	147.0	7 147.0 117.2	119.8	81.8	97.0	
TOTAL FOR C-5			6.09	54.0	83.0	75.7	147.0	117.2	119.8	81.8	97.0	

Totals may not add due to rounding.

P-1 SHOPP LIST PAGE NO. ITEM NO. 033

UNCLASSIFIED

ASSIFIED

7,07

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P TEAM MOBIL PE 0401119F CENTER: SA-ALC MODIFICATION TITLE AND NO: MLG/DOOR ACTUATING SYSTEM (R&M) MN-14220B

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 32 ANG -- 12

MODELS OF AIRCRAFT AFFECTED: C-5A/B

DESCRIPTION/JUSTIFICATION: Installs a simpler main landing gear (MLG) door actuation system consisting of two main actuators/gearboxes per each MLG instead of the present ten. Existing system is plagued with failures resulting in four Class C accidents within past year. Will also provide commonality with C-5B production aircraft. Includes modification of the maintenance trainer unit.

DEVELOPMENT STATUS: Complete

PROJECTED FINANCIAL PLAN		PRIOR	E	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010) INSTALL KITS	7	7 15.3										
EQUIPMENT	(77)	44.8										
CHANGE ORDERS						0.5						
DATA		0.5										
SIM/TRAINER	2	1.1										
SUPPORT-EQUIP												
KIT REPLENISH		0.0										
INSTALLATION OF HARDWARE												
FY-88 53 KITS	(53)	3.0										
24	(14)	_	(4)	1.6	(9)	2.6						
TOTAL INSTALL QTY/COST		7 10.5	4	1.6	9	2.6	 		1		1	
TOTAL COST (RP-1100)	7	7 73.2	1	1.6		3.1		1 1 1 1	1			
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 6 MOR	TO ROIN	TO ROUNDING.) N: INSTALLATION DEPOT INITIAL LEAD TIME 6 MONTHS	- DEPOT		ţ	FOLLOW-ON LEAD TIME 6 MONTHS	SAD TIME	6 MONTHS				

*** UNCLASSIFIED ***

(R&M)	
SYSTEM	
MLG/DOOR ACTUATING SYSTEM (R&M)	
MLG/DOOR	(UED)
MN-14220B	AN (CONTIL
	PROJECTED FINANCIAL PLAN
C-5	INANC
PACT SHEET: C-5	CTED F
FACT	PROJE

(CONTINUED)

		FY-01 AMT	a	FY- QTY	FY-02 AMT			FY-03 AMT	£	TO QTY	TO COMP		TOTAL QTY		AMT	
RDT&E (3600)	! ! !	1 1 1 1 1 1	i	!	1	! !	! ! !	1 1 1 1 1 1	1			! [!	
OCUREMENT (3010) INSTALL KITS													77	-	15.3	
KITS NONRECUR																
EQUIPMENT EQUIP NONREC								÷						4	44.8	
CHANGE ORDERS															0.5	
DATA															0.5	
SIM/TKAINEK SUPPORT-EQUIP															1.1	
KIT REPLENISH															6.0	
FY-88 53 KTTS												~	533		0	
24													24)	-	11.7	
TOTAL INSTALL QTY/COST	1	! ! ! !	;	[1	14.7	
TOWN (BB-1100)	1] 	;	!				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:						77 9	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)											:	•	:	
	FY-88	FY-89	FY-90		FY-91	FY-92	FY-93		FY-94	FY-95	FY96	FY-97	7			
CONTRACT-DATE (QTR/FY)	1/88	1/89		•					1/93				ı			
DELIVERY-DATE (QTR/FY)	3/88	3/89						3/	3/93							
INSTALLATION SCHEDULE:	FY-88			FY-89			FY-90	_		FY-	FY-91		FY-92			
QUARTERS 1 INPUT	8	3	- 4	2 4	e 4	44	2 4	ю 4	4 4	- 4	4 3	v v	1 2	m	4	
OUTPUT				4	4	4	4	4	4	4	4	4	4			
INSTALLATION SCHEDULE:	FY-93			FY-94			FY-95			FY-	FY-96		FY-97	97		
QUARTERS 1	2	3 4	٦,	~ 7	ი •	4.	8 6	e	4	H (3	₩.	1 2		4	
INPUT OUTPUT			4	ਰਾ ਹਾ	e e	. 4. 	N N	2		N	#4	-	1 2 2	2 72	8	

PAGE 033-2

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P FY 1998 PB MODIFICATION TITLE AND NO: MADARS REPLACEMENT MN-15203B

DESCRIPTION/JUSTIFICATION: Replaces malfunction detection, analysis and recording system (MADARS) with state of the art digital electronics. Allows consolidation of many functions reducing number of total boxes. Present MADARS is unreliable and costly to maintain. PE 0401119F TEAM MOBIL CENTER: SA-ALC MODELS OF AIRCRAFT AFFECTED: C-5A

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN	N.												
		PRIOR	OR	F	FY-96	Œ	FY-97	Œ	FY-98	G	FY-99	FY	FY-00
	O	T.	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)													
PROCUREMENT (3010) INSTALL KITS KITS MANDECID		91	67.6										
EQUIPMENT	Ų	16)	60.3										
EQUIP NONREC			12.4										
CHANGE ORDERS									5.0				
DATA			4.3										
SIM/TRAINER													
SUPPORT-EQUIP			24.4										
KIT REPLENISH			8.6										
INSTALLATION OF HARDWARE	Ē												
FY-90 51 KITS	_	28)	0.3	(16)	13.1	(6.4						
FY-91 15 KITS	~	15)	13.0										
FY-92 10 KITS	_		7.3										
	'		!			!		 - - -	1	1	1 1 1 1 1 1		
TOTAL INSTALL QTY/COST		53	20.6	16	13.1	7	6.4		1	1	1	1	
TOTAL COST (BP-1100)		97	198.2		13.1		6.4		5.0				
(TOTALS MAY NOT ADD DUE TO	UE TO	_	ROUNDING.)										
METHOD OF THE TRIBUTAL	INI	TIAL L	INITIAL LEAD TIME 10 MONTHS	- 10 MON	THS	ъ	FOLLOW-ON LEAD TIME 6 MONTHS	SAD TIME	6 MONTHS				

PAGE 033-3
*** UNCLASSIFIED ***

MADARS REPLACEMENT	
	(CONTINUED)
MN-15203B	
FACT SHEET: C-5	PROJECTED FINANCIAL PLAN

(CONTINUED)

	FY-01 QTY	-01 AMT	QTY	FY-02 AMT		FY-03 QTY)3 AMT	ū	TO C	TO COMP AMT	QTY	TOTAL	AMT		
RDI&E (3600)	5 1 1	 	t 1 1 1		!			!			:				
OCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS												76	67.6 0.0 60.3 12.4 5.0	e e	
SIM/TRAINER SUPPORT-EQUIP KIT REPLENISH													24.4		
STALLATION OF HARDWARE												51) 15) 10)	19.8 13.0 7.3		
TOTAL INSTALL QTY/COST		 	1			1				i ! !		76	40.1		
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	JING.)	 	 		 	 		‡ } }			76	222.7		
	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94		FY-95	FY-96	FY-97	FY-98			
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/89	4/89	4/90 2/91	3/91 1/92	2/92										
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-88 2	æ	FY-(FY-89 2 3	4	FY-90 1 2 5 5 5	മെയ	407	FY-91 1 2 4 4 6 4	91 3 4 4	কলক	FY-92 1 2 2 2 3 2	6 6 6 6	ਚ ਚ ਹ	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT 4	FY-93 2	3 4	1 2 2	FY-94 2 3	4	FY-95 1 2 2 2 2 2	n 0 0	4 1 2	FY-96 1 2 4 4	96 3 4 4	ਚ ਚ ਚ	FY-97 1 2 2 2 4 2	6 6 8	7 1 7	
INSTALLATION SCHEDULE: QUARTERS I INPUT OUTPUT 1	FY-98 2	£													

PAGE 033-4 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

DATE 02/14/97

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: C-5 A/B

CLASS P

TEAM MOBIL

PE 0401119F

high-accuracy data signals which are received by user equipment to compute platform position/velocity and provide steering vectors to target locations. Control segment updates daily the navigation messages broadcast from the satellites. military aircraft. The system is composed of three segments; user equipment, satellites and a control network. Satellites broadcast DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for target locations.

CENTER: SA-ALC

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY 5.4 5.4 AMT FY-99 QTY 0.6 4.8 AMT FY-98 66 QTY 88) 0.1 1.3 2.1 1.4 AMT FY-97 1) 26) 27 QTY METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM 21.3 33.5 3.8 AMT FY-96 INITIAL LEAD TIME -- 42 MONTHS 88 88 88) QTY 1.6 3.5 6.9 3.0 21.0 5.9 AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR 38 1) 38) QTY MAINT TRAINER INSTALLATION OF HARDWARE TOTAL INSTALL OTY/COST PROJECTED FINANCIAL PLAN TOTAL COST (BP-1100) KITS KITS KITS PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER **EQUIPMENT** SOFTWARE FY-96 FY-94 FY-95 DATA

FOLLOW-ON LEAD TIME -- 12 MONTHS

FYCT SHEET: C-5 MM-3150 MAYOFINE COMPTHNUED FYCTORING SYSTEM COMPTHNUED FYCTOR FYCTO			اِ ج			4.	3.5	3.2	.1	5.4		8.6		5.9			0.1	6	4.2	!	6.2	į į	69.5						4 0 0)
FY-01 FY-02 FY-03 FY-0		Ħ	AM.			u)	(,,	28	u,	u,		0,		ц)			Ü	_	7		u	1111	59					86		
CONTINUED FY-OI	_	TOT	_ !			97											-	~	<u>~</u>	!	9;	•	9					FY-5	30)
COMPANSE FY-01 FY-02 FY-03 TO COMPANSE FY-03 TO COMPANSE FY-04 FY-05 TO COMPANSE FY-05	(NUED)		TO!			12											_	33	8		17	1	17						30	,
COMPANSE FY-01 FY-02 FY-03 TO COMPANSE FY-03 TO COMPANSE FY-04 FY-05 TO COMPANSE FY-05	(CONT)		11																	-		-							26	1
HARDWARE KITS WITHER WICHAL PLAN (CONTINUED) OTY ANT OTY ANT OTY ANT OTY WITHER WICHAL PLAN (CONTINUED) FY-02 FY-03 FY-03 FY-03 FY-04 FY-05 FY-05 FY-05 FY-09 FY-0		COMP	8																	1		1						7.6	3	
NAME		5 D	7.																	1		-						FY-(7	
HARDWARE KITS KITS KITS CONTINUED) TY AMT CONTINUED OPTY AMT AMT OPTY AMT AMT OPTY AMT AMT AMT OPTY AMT AMT OPTY AMT AMT OPTY AMT AMT OPTY AMT AMT AMT OPTY AMT AMT OPTY AMT AMT AMT AMT OPTY AMT AMT AMT AMT AMT AMT AMT A			δij																	į		į							.	
HARDWARE KITS KITS KITS KITS CORTINODO T ADD DUE TO ROUNDING.) EY-94 EY-95 CORTINODO T ADD DUE TO ROUNDING.) EY-96 EY-96 CORF/EY) SY97 AMT QTY AMT AT AT AMT AT AT AMT AT AT			AMT																	-		1							4	
HARDWARE KITS KITS KITS KITS CORTINODO T ADD DUE TO ROUNDING.) EY-94 EY-95 EY-95 EY-95 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-96 EY-97 EY-96 EY-96 EY-96 EY-97 EY-96 EY-96 EY-96 EY-97 EY-96 EY-96 EY-96 EY-97 EY-96 EY-96 EY-96 EY-97 EY-96 EY-96 EY-97 EY-96 EY-96 EY-97 EY-96 EY-97 EY-96 EY-96 EY-97 EY-96 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-97 EY-96 EY-96 EY-96 EY-97 EY-96 EY-		Y-03																		1				66	ł			96		
HARDWARE KITS KITS KITS CYTY AMT QTY AMT CONTINUED) FY-01 FY-02 AMT CONTINUED) FY-02 AMT CONTINUED) FY-02 AMT CONTINUED) FY-03 FY-04 FY-05 FY-06 FY-09 FY-09 FY-09 CONTINUEDULE: FY-94 FY-95 FY-96 CONTINUEDULE: FY-94 FY-95 FY-95 FY-96 FY-96 FY-96 FY-96 FY-96 FY-97 FY-98 CHEDULE: FY-94 FY-95 FY-95 FY-95 FY-95 FY-95 FY-96 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-97 FY-97 FY-95 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-9	TEM	Ĺτι	QTY																	1		1		FY-				FY~	7	
	G SYS		'																					¥-98	1				 1	
	IONIN		AMT																	1		1							4	
	POSIT	FY-02	;																					FY-9	1	1/97	1/98	95		
	OBAL		QTY																			1		96-	1 1	96	97	FY-	7	
	AR GL		_																	1		ł				4/	4/			
	NAVST INUED	댇	AMT																	1		1	NG.)	FY-95		4/96	4/97		47	
EACT SHEET: C-5 MM-3150 PROJECTED FINANCIAL PLAN RDT&E (3600) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP SOFFWARE MAINT TRAINER ISTALLATION OF HARDWARE FY-94 I KITS FY-94 I KITS FY-94 I KITS FY-94 I KITS FY-94 I KITS FY-95 F	(CON	FY-0																		·		'	OUNDI	94	ŀ	4	7	94		
PROJECTED FINANCIAL PLA PROJECTED FINANCIAL PLA RDT&E (3600) CCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT EQUIP SOFFWARE MAINT TRAINER ISTALLATION OF HARDWARE FY-94 I KITS FY-94 I KITS TOTAL COST (BP-1100) (TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE MILESTONES CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY) DELIVERY-DATE (QTR/FY) INSTALLATION SCHEDULE: QUARTERS 1 INSTALLATION SCHEDULE: OUTPUT	-3150 N		QTY																	1			TO R	FY-	1	1/9	3/8	FY-	8	
RDT&E (3600) RDT&E (3600) ROUNEMENT (3010) RITS NONNECUR EQUIP NONNECUR EQUIP NONNEC CHANGE ORDERS DATA SOUPWARE MAINT TRAINER SIM/TRAINER SIM/TRAINER SIM/TRAINER SOFWARE MAINT TRAINER (STALLATION OF HARE (STALLATION OF HARE (STALLATION OF HARE (STALLATION OF HARE (STALLATION OF HARE (STALLATION OF HARE (STALLATION OF HARE (TOTAL COST (BP-110 (TOTAL COST (BP-110 (TOTAL COST (CTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR DELIVERY-DATE (QTR	MN AL PLA															WARE					COST		O) ID DUE			/FY)	(/EX)	ULE:	1	
FACT SHEET: PROJECTED FIN RDT&E (3600) CCUREMENT (30 INSTALL KITS KITS NONRECUP EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT FY-94 I FY-96 RAIN TOTAL COST (8 (TOTALS MAY N MILESTONES CONTRACT-DATE DELIVERY-DATE DELIVERY-DATE DELIVERY-DATE DELIVERY-DATE OUTPR	C-5 IANCIA				10)												KITS	KITS	KITS		, QTY/		P-110 OT AD			(QTR	(QTR	SCHED	RS UT	;
EACT SHE PROJECTE RDT&E (3 CCUREMEN INSTALL KITS NON EQUIPMON EQUIPMON EQUIPMON EQUIPMON EQUIPMON EQUIPMON EQUIPMON EQUIPMON EQUIPMON TOTALLATI FY-96 FY-96 FY-96 FY-96 TOTAL IN TOTAL CO TOTAL	ET: D FIN			(009)	IT (30	KITS	RECUR	£	NREC	RDERS		NER	EQUIE		AINER	ON OF		37	88		STALL		ST (E MAY N ES			-DATE	-DATE	(TION	UARTE INP	;
EAC COCU INS SIE SOF SOF SOF FY- FY- FY- TOT TOT TOT TOT TOT TOT TOT TOT TOT TO	T SHE			E) 33.	REMEN	TALL	NON S	IPMEN	IP NC	NGE C	, A	I/TRAI	PORT-	TWARE	NT TR	LLATI	94	-95	96		'AL IN		AL CC TALS ESTON			TRACI	IVERY	TALLA	a	
ë NI	FAC			RDT	PROCU	INS	KIT	EOU	EQU	CHA	DAT	SIM	SUF	SOF	MAI	INSTA	ΕY-	FY-	FY-		TOT		TOT (TO MIL			S	DEL	INS		

PAGE 033-6 *** UNCLASSIFIED ***

4 9 30

FY-99 2

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT
9

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

CIC C-5

TEAM MOBIL PE 0401119F CENTER: SA-ALC MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455 MODELS OF AIRCRAFT AFFECTED: C-5

Installations are a combination of depot and contractor installs. AIRCRAFT BREAKDOWN: Active -- 55 RES -- 8 ANG -- 4

DESCRIPTION/JUSTIFICATION: C-5 users have had a long standing mission requirement for electronic warfare defensive systems which will improve aircrew survivability. The electronic warfare defensive systems will consist of a missile warning receiver, and a flare and chaff dispenser. During the FY99 POM cycle, AMC will POM for remaining 6 kits in FY01 and additional installs in FY02 (6) and FY03 (10).

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN		PRIOR	FY-96	96	Ē	FY-97	Ē	FY-98	FY-99	66.	FY-00	00
	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	8	3.5			11	3.9	80	2.2	9	1.8	13	4.0
KITS NONRECUR		8.0										
EQUIPMENT	(7)	2.1	(11)	1.1			(8	2.7	(9)	2.1	(13)	4.7
EQUIP NONREC				0.2								
CHANGE ORDERS												
DATA		0.8										
SIM/TRAINER	(11)	1.1								1.0		
SUPPORT-EQUIP		0.5						9.0				
SPARES												
RETROFIT	(4)	1.9										
RETROFIT INSTAL			(4)	0.1						,		
INSTALLATION OF HARDWARE												
FY-93 2 KITS	(2)	3.1										
FY-95 6 KITS					(+	1.7	(2)	0.7				
FY-97 11 KITS							(6)	3.2	(2)	0.7		
FY-98 8 KITS									(8)	2.8		
FY-99 6 KITS											(9)	2.1
FY-00 13 KITS												
FY-01 1 KITS												
FY-02 4 KITS												
	1 2 1		1		1	11111111	1		-	1	1	
TOTAL INSTALL OTY/COST	2	3.1			4	1.7	11	3.9	10	3.5	9 !	2.1
TOTAL COST (BP-1100)	80	13.8		1.3	11	5.6	80	9.3	9	8.3	13	10.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROI	JNDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION	N: IN	STALLATION	COMBINAT	NOI								
	INITIA	INITIAL LEAD TIME 8 MONTHS	8 MONTH	"		FOLLOW-ON LEAD TIME 6 MONTHS	EAD TIME	6 MONTHS	rn			

*** UNCLASSIFIED *** PAGE 033-7

FACT SHEET: C-5 MN-3 PROJECTED FINANCIAL PLAN	3455	AIRLIFT (CONTINUED)	AIRLIFT DEFENSIVE SYSTEMS (INUED)	IVE SYST	EMS				Ö	(CONTINUED)	6		
	F) QTY	FY-01 AMT	ΔTΩ	FY-02	AMT (FY-03 QTY	3 AMT	TO QTY	TO COMP	QTY	TOTAL	AMT	
RDT&E (3600)													
PROCUREMENT (3010) INSTALL KITS	н	0.3	_	-	4.7						51	20.4	
KITS NONRECUR												0.8	_
EQUI PMENT	(1)	0.4	(4)		5.8							18.8	_
EQUIP NONREC												0.2	٠.
CHANGE ORDERS		0.3										0.3	_
DATA												9.0	_
SIM/TRAINER SUPPORT-FOIITP												1.1	
SPARES												•	
RETROFIT												1.9	_
RETROFIT INSTAL												0.1	
INSTALLATION OF HARDWARE													
DV-03 0 KT#S										_	2)	3.1	
۷ ۷											î (
• ;) <u>[</u>	, ,	
11											÷ 6	, ,	
י סב											6 6	0.0	_
, ه		٠			,						66	7.7	
۲,	(71)	4.2	7 F		* ·						(2)	, ,	
٦.			- -	_		;	,				7 7		
FY-02 4 KITS		!	į		- i	- 15	7.1	1	1 1	- i		1	
TOTAL INSTALL OTY/COST	12	4.2		2	7.0	4	1.7				51	20.9	•
1000	-	: (; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	<u> </u>			! !					5	67.7	
TOTAL COST (BP-1100)	1 0	5.2			77.11		r.,				7.0	7./0	
(TOTALS MAI NOT AND DUE TO KOUNDING.)	TO KOO	toane.)											
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03		
						1 0		1 0	1 10	1 0			
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/93 3/93	1/94 3/94	1/95 3/95	1/96 3/96	3/97	3/98	3/99	3/00	3/01	3/02			
INSTALLATION SCHEDULE:	FY-93		FY	FY-94		FY-95		FY	FY-96		FY-97		
QUARTERS	2	3	₽	2 3	4 1	7	3	.	2 3	4	1 2	en c	•
INPUT		7 2										2 6	2 2
INSTALLATION SCHEDULE:	FY-98		FY	FY-99		FY-00		FY	FY-01		FY-02		
QUARTERS	2	3 4			4 1	7				4	1 2	3	4
	3		7	2 3	3 1	1	2 2	က	3 3	m			
OUTPUT 2		3			3 1	Т				m	1		
INSTALLATION SCHEDULE:	FY-03												
QUARTERS 1	7	. 4											
INPUT		 -											
*****		4			PAGE	PAGE 033-8							

PAGE 033-8
*** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

FY 1998 PB MODIFICATION TITLE AND NO: COMPARTMENT FLOOR CORROSION PREVENTION MN-6032

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: C-5A

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P

DESCRIPTION/JUSTIFICATION: Stress panels in the troop compartment latrine are corroding. In order to replace the panels, the entire latrine must be removed. This causes a three week programmed depot maintenance delay. The C-5B designed latrine will be installed on the C-5A. The C-5B latrine has a one piece fiberglass floor pan, fiberglass walls, and a larger holding tank. TEAM MOBIL PE 0401119F CENTER: SA-ALC

AIRCRAFT BREAKDOWN: Active -- 28 RES -- 31 ANG -- 12

DEVELOPMENT STATUS: None required since the C-5B design is being used.

PROJECTED FINANCIAL PLAN										
	PA	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	K
			1 1 1 1 1 1	1	1 1 1		!	1	1	-
RDT&E (3600)										

FY-00

	•			1							;	!
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT
			1 1 1 1		1 1 1	1 1 1 1 1 1	1 1 1	1 1 1 1 1 1	1		1 1 1 1	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			70	3.7								
KITS NONRECUR			1	0.5								
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.7								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 71 KITS							(25)	0.4	(82)	0.5	0.5 (18)	0.3
	1	1 1 1 1		1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1 1 1 1 1 1 1
TOTAL INSTALL OTY/COST							25	0.4	28	0.5	18	0.3
		1 1 1 1 1 1 1		1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	 - - - - - -	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
TOTAL COST (BP-1100)			7.1	4.9				0.4		0.5		0.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION DEPOT	- DEPOT									
H	NITIAL	INITIAL LEAD TIME 14 MONTHS	14 MON	THS	ш	FOLLOW-ON LEAD TIME 0 MONTHS	SAD TIME	0 MONTH	εo.			

	TOTAL	AMT			7.6	0.0		0.7			1.2	1	1.2	1 1	. 0					FY-00	5 3 4	5 4 4
(UED)	Ħ	OTY .			70	→					(17)		71		11					Ĺz.	⊣ ა	υv
(CONTINUED)		. ! E I										1		1						•	4 6	7
•	OMP	AMT										1								66	w r	7
	TO COMP	QTY										111111		1 1 1 1 1						FY-99	7 7	
		AMT												!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!							ω r •	
TION	FY-03																			FY-98	2 1	
REVEN		QTY										1		1						F	- ·	. 4
ION P																FY-00	1				4	
COMPARTMENT FLOOR CORROSION PREVENTION INUED)	FY-02	AMT												1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-99	-			7	3	
MENT FLO		QTY										-		1		FY-98	1 1 1 1			FY-	1	
COMPART (CONTINUED)	.01	AMT										1 1 1 1 1)ING.)	FY-97					3	
032	FY-01	QTY										!			TO ROUNI	FY-96		1/97	i	FY-96	2	
FACT SHEET: C-5 MN-6 PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-96 71 KITS		TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY) DELIVERY-DATE (OTR/FY)		INSTALLATION SCHEDULE:	QUARTERS 1	OUTPUT

PAGE 033-10

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: TF39 ENGINE HIGH PRESSURE TURBINE MN-6037

CLASS P CIC C-5

> CENTER: SA-ALC MODELS OF AIRCRAFT AFFECTED: C-5A/B

TEAM MOBIL PE 0401119F DESCRIPTION/JUSTIFICATION: This modification redesigns the TF-39 high pressure turbine (HPT). The current HPT does not provide the required thrust capability for hot day take-offs. Existing state-of-the-art technology will reduce engine overhaul costs by fifty percent and permit max thrust take-offs when the temperature is greater than 71 degrees fahrenheit. Reduces cost per flying hour by approximately \$700. This modification consists of 665 kits. No install funds required as mod is installed during engine overhaul.

AIRCRAFT BREAKDOWN: Active -- 432 RES -- 166 ANG -- 67

DEVELOPMENT STATUS: Technology developed under continuous improvement program (CIP) initiative for engines.

PLAN
FINANCIAL
PROJECTED

PROJECTED FINANCIAL PLAN	i		i	,		t	i	ć.	i	Ç.	ì	ć
	4	PRIOR	FY	FY-96	F.X	F.I - 9 /	Į	F.I ~ 98	F.X	F.X 9.9	F	F.I - 00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY 	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					46	13.9	138	43.2	159	51.8	192	63.0
KITS NONRECUR												
EQUI PMENT												
EQUIP NONREC						3.5		0.4				
CHANGE ORDERS												
DATA												0.5
SIM/TRAINER												
SUPPORT-EQUIP												
ICS												
MOD OF SPARES											(9)	2.0
250								0.3		0.3		
INSTALLATION OF HARDWARE												
FY-97 46 KITS												
FY-98 138 KITS												
FY-99 159 KITS												
FY-00 192 KITS												
FY-01 130 KITS												
	!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!	1 1 1 1	1 1 1 1	1	[1111	
TOTAL INSTALL QTY/COST												
	1 4 1 1				!!!!	1	1	1	1		1	1
TOTAL COST (BP-1100)					46	17.4	138	43.9	159	52.1	192	65.4
(TOTALS MAY NOT ADD DUE TO	0	ROUNDING.)										
METHOD OF IMPLEMENTATION:	i: INST	INSTALLATION DEPOT	DEPOT		•				ç			
H	INITIAL	INITIAL LEAD TIME 12 MONTHS	- 12 MON	rhs	(<u>1</u> 1	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	S			

UNCLASSIFIED *** PAGE 033-11 * * *

(CONTINUED)
PROJECTED FINANCIAL PLAN

															1 1 4			
AMT	 	214.8	3.9	0.5		42.4	•				: : : :	262.2			3 4 42 41 42 41			
TOTAL	!	2									İ	7			FY-00 2 42 4 42 4			
TO QTY	!	665									!	665			1 1 42 4			
J	i										i				4 4 4 4 4 4			
P AMT												1 1 1 1			8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			
TO COMP	!														FY-99 2 35 35			
T QTY											!	 			1 F	:		
3 AMT	!										C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	 	FY-02	1/02	3 38 4	;		
FY-03 QTY	i 											:	FY-01	1/01	FY-98 2			
AMT (i 					28.9					•	28.9	FY-00	1/00	4 1		4	32 32
FY-02												 	FY-99	1/99	m		m	32
F) QTY						82)					 	!			FY-97		FY-02 2	33
•	i	6				2						•	FY-98	1/98	1		1	33
AMT	i ! !	42.9				11.5					! ! ! !	54.4 ING.)	FY-97	3/97	4		4	48
FY-01	;											 UNDIN			e G		1 3	48
	1 1 1 1	130				34)						130 TO ROU	FY-96		FY-96 2		FY-01 2	48
	RDI&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC	CHANGE OKDERS DATA	SIM/ INTINGR SUPPORT-EQUIP ICS	MOD OF SPARES (LATION OF	97 46 KITS 98 138 KITS	159	00 192 KITS 01 130 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 130 5 (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OTTERE		INSTALLATION SCHEDULE: QUARTERS 1	INPUT 48
	RDT	PROCUI INST KITS	EQU.	CHANG DATA	SUPP	MOD	INSTAL	FY-97 FY-98	FY-99	FY-01	TOT	TOT)	MIL	CON	INS		INS	

PAGE 033-12

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P

MODIFICATION TITLE AND NO: L-BAND SATCOM AND CUTF-C2 COMM UPGRADE MN-6046

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Requirement established for direct communication and control (C2) of strategic airlift. A commercially available Aero-SATCOM system installed on the C-5 will provide the C2 capability.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12 PE 0401119F TEAM MOBIL CENTER: SA-ALC MODELS OF AIRCRAFT AFFECTED: C-5A/B

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN												
	딾	PRIOR	FY-96	96	FY-97	97	FY-98	86	FY-	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		1 1 1 1	1	 	!	! ! !	 		!		!	i i i i
PROCUREMENT (3010)												
INSTALL KITS			126	1.3								
KITS NONRECUR												
EQUI PMENT			(126)	2.4								
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.2								•
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE							•					
FY-96 126 KITS			(126)	0.4								
	1	!					1	1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1	
TOTAL INSTALL QTY/COST			126	0.4								
					1 1 1		!		1	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)			17p	4.5								
(TOTALS MAY NOT ADD DUE TO	\sim	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION CONTRACT FIELD TEAM	· CONTRACT	FIELD TEAM								
	INITIAL	INITIAL LEAD TIME 6 MONTHS	- 6 MONTH	ro.	G.	FOLLOW-ON LEAD TIME 0 MONTHS	AD TIME	O MONTHS				

*** UNCLASSIFIED *** PAGE 033-13

	TOTAL AMT	1 ! ! ! !	-	0	2.4		0.2			0.4	1	0.4		4.3								
(CONTINUED)	TO QTY	! ! !	126	770						(126)	1	126		126								
CONT	TO COMP	; ; ; ;											1									
	TO QTY	! ! !									!!!!		1 1 1									
ല	03 AMT	 									1 1 1 1 1											
L-BAND SATCOM AND CJTE-C2 COMM UPGRADE ONTINUED)	FY-03 QTY										1											
TF-C2 CO	AMT	 									1										4	
M AND CJ	FY-0	!																		FY-97	2 3	25 2 25 2
SATCO		•																			7	58
L-BAND (CONTINUED)	FY-01 AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									1 1 1 1 1 1 1			ING.)	•	FY-97	1				3 4	40
5046 (C		 									11111			TO ROUNI		FY-96	!	5/96	3/96	FY-96	2	
FACT SHEET: C-5 MN-(PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010)	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ONDERS DATA	SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE	FY-96 126 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT OUTPUT

PAGE 033-14

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE EXHIBIT P3A CONGRESSIONAL CLASS P CIC C-5 MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MODIFICATION TITLE AND NO: HYDRAULIC SURGE CONTROL -EASY OPEN VALVE MN-6103 DATE 02/14/97 FY 1998 PB

DESCRIPTION/JUSTIFICATION: This modification installs hydraulic selector valves that are designed to open at a slightly lower rate to prevent surges and pressure spikes in the hydraulic system. Modified valves are to replace current ones associated with the selector valve on the landing gear, cargo doors and ramps.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12 TEAM MOBIL PE 0401119F CENTER: SA-ALC MODELS OF AIRCRAFT AFFECTED: C-5A/B

DEVELOPMENT STATUS: Complete.

QTY 2.3 2.3 AMT FY-99 126 126 QTY FOLLOW-ON LEAD TIME -- 0 MONTHS AMT FY-98 OTY AMT FY-97 OTY TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE AMT FY-96 INITIAL LEAD TIME -- 13 MONTHS QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP EQUIP NONREC INSTALL KITS RDT&E (3600) SIM/TRAINER EQUIPMENT

AMT

FY-00

*** UNCLASSIFIED ***

**	
UNCLASSIFIED	
* * *	

(CONTINUED)	TOTAL	QTY AMT			126 2.3									126 2.3							
	TO COMP	AMT																			
	TO	OTY											1 1								
	FY-03	AMT											1					•			
	FY	QTY											!								
	FY-02	AMT											!								
	FY	QTY											1								
	FY-01	AMT						-					1		DING.)		FY~97	1	2/97	2/98	
	FY	OTY													TO ROUN		FY-96	1			
PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	

PAGE 033-16

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: STANDBY ATTITUDE INDICATOR MN-6150

CLC C-5

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: HQ AMC identified a requirement for a standby Attitude Indicator (ADI). While the #3 Inertial Navigation System (INS) provides a back-up source for attitude reference, the #3 INS is not a truely independen source for attitude reference. This mod will lead the Air Force by introducing a new digital indicator which will become the new standard. This mod originally funding under TEAM MOBIL PE 0401119F CENTER: SA-ALC MODELS OF AIRCRAFT AFFECTED: C-5A/B

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

99999A, Low Cost Safety Mod, but broken out separately in Jun 96 due to dollar value.

DEVELOPMENT STATUS: N/A

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 12 MONTHS 0.2 1.4 AMT FY-98 (11) QTY 0.4 3.7 0:1 AMT FY-97 126 126 (126)QTY 0.1 0.1 METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE AMT FY-96 INITIAL LEAD TIME -- 12 MONTHS QTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER EQUIPMENT

*** UNCLASSIFIED *** PAGE 033-17

	AMT		0.4	3.7	0.2	5.7	
NUED)	TOTAL QTY		126			126	
(CONTINUED)	TO COMP	1 1 1 1 1 1					
	TO (QTY	 					
	FY-03 AMT	# # ! ! !					
	FY- QTY	! ! !					
INDICATOR	FY-02 AMT	 					
ATTITUDE	FY						
MN-6150 STANDBY ATTITUDE INDICATOR PLAN (CONTINUED)	FY-01 AMT					DING.)	FY-97 1/97 1/98
-6150 N (CO	FY	† † !				TO ROUN	FY-96 4/96 4/97
FACT SHEET: C-5 MN-(PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MITESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)

PAGE 033-18 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: REPLACE FUEL FLOW TRANSMITTER & INDICATOR MN-6151 FY 1998 PB

MODELS OF AIRCRAFT AFFECTED: C-5A/B/C

CENTER: SA-ALC

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 TEAM MOBIL

PE 0401119F

times and the indicator failed 278 times. Repairing these failures and replacing condemned units is costly in terms of dollars, manpower and reduced mission capability. Replacing these units with more reliable, state of the art units will result in reduced aircraft delays and increased aircraft availability. Quantity per aircraft is 4 transmitters and 2 indicators. DESCRIPTION/JUSTIFICATION: This modification replaces fuel flow transmitters and fuel flow indicators. In 1995, the transmitter failed 338

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	ď	PRIOR	FY	FY-96	FY	FY97	E	FY-98	FY	66-	£	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	QTY AMT	QTY	ry amt	QTY	AMT
	1	1	1		1	!!!!!!!	1 1 1	1 1 1 1 1 1	1		1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
(3600)												

		10111		,							,	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		1 1 1 1 1	1	-	1 1 1	1 1 1 1 1 1	1 1 1	1 1 1 1 1	1	1	1	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							126	4.6				
KITS NONRECUR						,		0.1				
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.5				
SIM/TRAINER								0.7				
SUPPORT-EQUIP								0.5				
MOD OF SPARES							(151)	9.0				
	;		1					1		1 1 1 1 1 1 1 1 1	1	
TOTAL COST (BP-1100)							126	7.0				
(TOTALS MAY NOT ADD DUE TO	_	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	ORG/INT	SRMEDIATE								

FOLLOW-ON LEAD TIME -- 0 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

FACT SHEET: C-5 MN-6151 REPLAC PROJECTED FINANCIAL PLAN (CONTINUED)	MN-6151 'LAN (COI	REPLACE NTINUED)	FUEL FLOW	REPLACE FUEL FLOW TRANSMITTER & INDICATOR IINUED)	ER & INDI	CATOR		(CONT)	(CONTINUED)	
	FY	FY-01	£	FY-02	FY	FY-03	TO	TO COMP	TOT	TOTAL
	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									126	4.6
KITS NONRECUR										0.1
EQUI PMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA '										0.5
SIM/TRAINER										0.7
SUPPORT-EQUIP										0.5
MOD OF SPARES										9.0
	1	1 1 1 1 1 1 1	1	 	!!!!!	1 1 1 1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		
TOTAL COST (BP-1100)									126	7.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	UE TO ROUN	OING.)								
MILESTONES										
	FY-96	FY-97	FY-98							
		1 1 1 1	11111							
CONTRACT-DATE (QTR/FY)	c		2/98							
DELIVERY-DATE (QTR/FY)	6		2/99							

PAGE 033-20

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM DATE 02/14/97

MODIFICATION TITLE AND NO: ANTI-SKID RELIABILITY UPGRADE PROGRAM MN-6152 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: This modification improves the anti-skid system by replacing the older failure prone and maintenance man-hour intensive system. The new system will increase MTBM by 200% and will reduce mean time to repair by 50%. The mod eliminates the need for and removes the tire deflation system.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12 TEAM MOBIL PE 0401119F CENTER: SA-ALC MODELS OF AIRCRAFT AFFECTED: C-5A/B

DEVELOPMENT STATUS: N/A

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 0 MONTHS 8.0 0.5 AMT FY-98 126 126 QTY 5 AMT FY-97 QTY TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERWEDIATE INITIAL LEAD TIME -- 12 MONTHS AMT FY-96QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER **EQUIPMENT**

FACT SHEET: C-5 MN-6152 ANTI-S PROJECTED FINANCIAL PLAN (CONTINUED)	MN-6152 PLAN (CON'	ANTI-SKI FINUED)	D RELIABI	ANTI-SKID RELIABILITY UPGRADE PROGRAM FINUED)	DE PROGRAM	_		(CONT)	(CONTINUED)	
	FY-01	01	FY	FY-02	FY	FY-03	TO	TO COMP	TO	TOTAL
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									126	8.0
KITS NONRECUR										0.2
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.5
SIM/TRAINER										0.1
SUPPORT-EQUIP										0.2
			1		1	1	1	1 1 1 1 1 1	!	
TOTAL COST (BP-1100)									126	9.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)								
MILESTONES										
	FY-96	FY-97	FY-98							
	1	1								
CONTRACT-DATE (QTR/FY)			2/98							
DELIVERY-DATE (QTR/FY)			5/89							

PAGE 033-22 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: STATION KEEPING EQUIPMENT MN-96001 FY 1998 PB

MODELS OF AIRCRAFT AFFECTED: C-5

TEAM MOBIL PE 0401119F CIC C-5 CENTER: SA-ALC

DESCRIPTION/JUSTIFICATION: The C-5 requires station keeping equipment (SKE) to fly multiple ship formations in instrument meterological conditions (IMC) on a variety of missions to include airland, airdrop, and air refueling operations. Equipment should be compatible with systems in the C-141 and C-17. As the C-141 retires, the C-5 will fill the brigade airdrop shortfall. The Air Mobility Command will not have sufficient number of SKE equipped aircraft to support brigade airdrop and formation missions due to the C-141 retirement.

AIRCRAFT BREAKDOWN: Active -- 50 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed

PROJECTED FINANCIAL PLAN	BRIOR		FY-96	ų. V	FY-97	FY - 98	86	FY-99	66	FY.	FY-00
	QTY AMT	T QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS				8	0.2			н		14	0.4
KITS NONRECUR			•								
EQUIPMENT				(8)	5.1			(1)	0.3	(14)	4.3
EQUIP NONREC					3.2				2.8		1.0
CHANGE ORDERS											
DATA					0.3						
SIM/TRAINER			*						1.2		7.6
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE										•	
FY-97 8 KITS				8	0.3						
FY-99 1 KITS								(1)	0.1		
FY-00 14 KITS										3)	0.2
FY-01 14 KITS											
FY-02 13 KITS											
			11111111	1	1		1	:		1	
TOTAL INSTALL QTY/COST				80	0.3			П	0.1	m	0.2
	111111111111111111111111111111111111111		1 1 1 1 1 1	0	1 0			-	V V	1 7	13.5
TOTAL COST (BP-1100)				ю	9.1			-	r	-	7.7
(TOTALS MAY NOT ADD DUE TO	_			;							
METHOD OF IMPLEMENTATION:		ON CONTR	INSTALLATION CONTRACT FIELD TEAM								
	INITIAL LEAD TIME 12 MONTHS	IME 12 N	IONTHS	L.	FOLLOW-ON LEAD TIME 9 MONTHS	SAD TIME	HINOM 6 -	S			

*** UNCLASSIFIED *** PAGE 033-23

STATION KEEPING EQUIPMENT	
KEEPING	
	CONTINUED)
MN-96001	PLAN (
: C-5	PROJECTED FINANCIAL PL
FACT SHEET:	PROJECTED

(CONTINUED)

	 	1.4	18.2 7.0	1.3	6.0		0.0	3.0	39.8			4 6 6	
L AMT		н	18	8	0 0	000	00	3	39.			ж 0	
TOTAL	į į	20			9)		~ !	50	50			FY-00	
QTY	† * 1	L)			· ·	14)	(13)	ம	ເ ທ 			1	
AMT	† †								 			1 1 1	
TO COMP Y AN									i ! !			e 66	
TO OTY	! !								! !	FY-03		FY-99 2	
ø	i i						ł		!			, -	
AMT	! ! !						0.4	0.4	0.4	FY-02	1/02	4	4
FY-03	} ! !								!	10	ਰੁਚੁ	3	-03 2 2 2
PTY	! ! !						(9	9		FY-01	1/01 3/01	FY-98	FY-03
	!	0.4	4.2	1.0		ų	0.4	0:1	9.9	FY-00	1/00	4 8 8	
2 AMT		0	4	Н		•	0	н	ý			ю 7 ш ш	W 44 44
FY-02	i I	13	_			_	· ~ .	9	i i m	FY-99	1/99 4/99	FY-97 2	FY-02 2 4
QTY	 	1	(13)			-	(7)	16	13	FY-98		1	1 4 4
AMT	!	0.4	4.3			7.0	2	1.0	5.7			4	ਰਾ ਰਾ ਰਾ
FY-01 Ah									ING.)	FY-97	1/97 3/97	e	6 4 4
FY- QTY	1 !	14	14)			11)	6	16	1100) 14 ADD DUE TO ROUNDING.	FY-96	4/96	FY-96 2	FY-01 2 4
à			_		ы		_		UE TO	Ĺu i		-	. -
		•			HARDWARE CITS	CITS	KITS	Y/cos	100) ADD D		QTR/FY) QTR/FY)	EDULE	EDULE
	~	3010) S	့် ပွ		# X 2	4 524 53		LL OT	(BP-1			ION SCHI ARTERS INPUT OUTPUT	ION SCHI ARTERS INPUT OUTPUT
	(3600	ENT (L KIT	ENT	AINER	T-EQU	14	13	INSTA	COST S MAY		CT-DA RY-DA	LATION SC QUARTERS INPUT OUTPUT	LATION SC QUARTERS INPUT OUTPUT
	RDT&E (3600)	PROCUREMENT (3010 INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF FY-97 8	FY-00	FY-02	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES		CONTRACT-DATE DELIVERY-DATE	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE QUARTERS INPUT OUTPUT
	-	PRC	, д д С	, ₁₁ 0,	Ni	- 144 14		-	F - 2	•	0	Г	П

PAGE 033-24

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ITEM JUSTIFICATION (HIBIT P-40)				DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AII	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	NS .	P-1 ITEM NOMENCLATURE: C-9	LATURE: C-9			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$3.947	\$9.587	\$16.323	\$10.011	\$1.187	\$11.041	\$1.080	\$1.883

This line item funds modifications to the C-9 aircraft, commercial equivalent DC-9. The C-94 is a medium-range, twin-engine, jet transport designed to carry patients and medical personnel.

The C-9C is used to transport the vice-president, cabinet members, members of Congress and other high ranking U.S. and foreign officials. The overall goal of modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

	MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFICATION TITLE									TO G0	PROG.
<u>a</u>	3009	REENGINE			5.2	9.6	0.8	10.1				25.7
	3149T	•		3,3	5.1							8.4
	3150	NAVSTAR GLOBAL POSITIONING SYS	2.6	5.0	2.5	0.3						22.0
	866666	•,	0.9	0.4	2.2	0.1	0.3	0.9	1.1	1.8		19.1
	X66666	LOW COST MODIFICATIONS	0.4	0.9	1.3	0.1	0.1	0.1		0.1		2.9
		CLASS P TOTAL FOR C-9	3.9	9.6	16.3	10.0	1.2	11.0	1.1	1.9		
TOTAL	FOTAL FOR C-9	6-	3.9	9.6	16.3	10.0	1.2	11.0	1.1	1.9		

Totals may not add due to rounding.

		IFIED
PAGE NO.		UNCLASSIFI
P-1 SHOPP LIST	ITEM NO. 034	

764

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DATE 02/14/97

TEAM MOBIL PE 0401314F CENTER: OC-ALC FY 1998 PB MODIFICATION TITLE AND NO: REENGINE MN-3009 MODELS OF AIRCRAFT AFFECTED: C-9 ENGINES

DESCRIPTION/JUSTIFICATION: This modification procures needed engine requirements to comply with FAA mandated noise reduction policy. Engine hush kits are the only feasible answer to C-9 noise reduction at this time. A decision has been made to install engine hush kits and upgrade engine performance on three C-9C aircraft and one C-9A aircraft. Additionally, three spare engines require modification. When these kits are installed, these aircraft/engines will comply with ICAO and FAA stage III noise reduction requirements.

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	ā	PRIOR	FY-96	96	ΕŸ	FY-97	FY	FY-98	FY	FY-99	F	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
	-	1		1 1 1 1 1 1			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS							က	0.1	4	0.1			
KITS NONRECUR													
EQUIPMENT							(2)	5.0 ((4)	9.5		0.8	
EQUIP NONREC													
CHANGE ORDERS													
DATA								0.1					
SIM/TRAINER													
SUPPORT-EQUIP													
	!	1	1	1111111			 - - -	1 1 1 1	[1 1 1 1		1 1 1 1	
TOTAL COST (BP-1100)							e	5.2	4	9.6		0.8	
(TOTALS MAY NOT ADD DUE TO ROUNDING.	TO ROUR	ADING.)											
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	I: INS	NOITEL	· ORG/INTE	RMEDIATE									
-	NITIAL	INITIAL LEAD TIME 3 MONTHS	- 3 MONTE	S	Ei,	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 3 MONTHS					

*** UNCLASSIFIED *** PAGE 034-1

	TOTAL AMT		0.3	25.3	0.0	0.0	25.7		
(NUED)	TO' QTY	1 - - -	11				=		
(CONTINUED)	TO COMP	t t t t t t t t t							
	TO QTY	!							
	13 AMT	 							
	FY-	[]]]					! ! ! !	_	1/01
	AMT							FY-00	\$ \$ 4
	FY-02							FY-99	1/99 2/99
œ	QTY	!					1 1 1 1	FY-98	1/98
MN-3009 REENGINE LAN (CONTINUED)	FY-01 AMT		0.1	10.0			10.1 DING.)		i i i i
-3009 N (CO	FY QTY		4	(4)			4 TO ROUN	FY-96	! ! ! !
FACT SHEET: C-9 MN-30 PROJECTED FINANCIAL PLAN		RDI&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	Milesiones	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)

MODIFICATION OF AIRCRAFT

02/14/97

DATE

FY 1998 PB

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: C-9, DV AIRCRAFT

TEAM MOBIL

PE 0401314F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CIC C-9 MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM MN-3149T AIPTION/JUSTIFICATION: The TCAS modification will install two directional antennas, top and bottom, in the forward area of the aircraft, and a processor in the avionics bay. The current IFF transponder will be replaced by a dual-mode transponder including the Mode S capability required for TCAS II operation. The processor will generate traffic alerts and resolution advisories that will be displayed on Integrated Vertical Speed Indicators (IVSIs) on the pilot and copilot flight instruments panel. The system will require a minor software mod the FMS to interface to the dual-mode transponder. DESCRIPTION/JUSTIFICATION:

CENTER: OC-ALC

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

AMT FY-00 QΤΥ AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QIY AMT FY-96 OTY AMT PRIOR OTY PROJECTED FINANCIAL PLAN

1.2 1.2 1.4 1,3 1.3 12 12) 12) 12 12 00.8 1.3 1.3 2 6 6 11 (11) INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) PROCUREMENT (3010) CHANGE ORDERS SUPPORT-EQUIP KITS NONRECUR EQUIP NONREC INSTALL KITS RDT&E (3600) 12 SIM/TRAINER **EQUIPMENT** FY-98 DATA

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY (TOTALS MAY NOT ADD DUE TO ROUNDING.)

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 3 MONTHS

*** UNCLASSIFIED *** PAGE 034-3

FACT SHEET: C-9 MN-: PROJECTED FINANCIAL PLAN	3149	T TRAFF (CONTINUED)	TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM INUED)	ž Ž). LLISON	AVOID	ANCE S.	YSTEM		(CONI	(CONTINUED)	
	FY	FY-01 AMT	QTY	FY-02)2 AMT	ði j	FY-03 QTY	J3 AMT	OTY I	TO COMP	TC XTC	TOTAL AMT
RDT&E (3600)				!			1					
ROCUREMENT (3010) INSTALL KITS KITS MONDECID											21	2.0
ÉQUIPMENT EQUIP NONREC											1	2.0
CHANGE ORDERS DATA SIM/TRAINER												1.4
SUPPORT-EQUIP VSTALLATION OF HARDWARE FY-97 11 KITS FY-98 12 KITS											(11) (12)	1.3
TOTAL INSTALL QTY/COST				· !							23	2.6
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	TDING.)	 	, !	1 1 1 1 1 1		! ! !				23	8
	FY-96	FY-97	FY-98									
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		1/97	1/98									
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-96	3 4	E	FY-97 .2 .3	60 de 60 60 de 60	нФФ	FY-98 2 4	K 44 4 4				

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

DATE

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-9 CLASS P TEAM MOBIL PE 0401314F FY 1998 PB MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-9

DESCRIPTION/JUSTIFICATION: The Global Positioning System (GPS) will incorporate two Rockwell Collins FMS-800 into the cockpit of the C-9 aircraft. The mod has provisions to install a single Litton LTN-92 into 19 C-9A. The 4 remaining aircraft are equipped with two LTN-92. Imbedded into the FMS-800 is the GPS, INU, TACAN, IFF, and DES controls, this will alleviate the crowed cockpit space.

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN												
	盂	PRIOR	FY-96	96	FY	FY-97	FY-	FY-98	FY-99	60	FY	FY-00
	OTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)					•							
INSTALL KITS	7	2.1	ဖ	1.3	7	1.7						
KITS NONRECUR	6	3.3										
EQUIPMENT	(7)	1.9	(9)	1.0	(7)	1.0						
EQUIP NONREC	3)	2.6										
CHANGE ORDERS												
DATA		1.4										
SIM/TRAINER												
SUPPORT-EQUIP		0.3		0.3				0.8		0.3		
INSTALLATION OF HARDWARE												
FY-94 5 KITS					(2)	1.1						
FY-95 5 KITS					(2)	1.1						
FY-96 6 KITS					1)	0.2	(2)	0.8				
FY-97 7 KITS							(7)	0.9				
	!!!!!		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	1	-		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST					11	2.3	12	1.7				
	1	1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1		t
TOTAL COST (BP-1100)	10	11.6	9	2.6	7	5.0		2.5		0.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUI	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	N: INS	TALLATION	DEPOT	9		11 100 100 110	2	t o storium	,			
	INITIAL	INITIAL LEAD TIME 12 MONTHS	12 MONI	2	4	FOLLOW-ON LEAD TIME IZ MONINS	AD TIME	TZ MONIN	n			

*** UNCLASSIFIED *** PAGE 034-5

FY-01 FY-02 ANT OTY AN	FY-01 ANT OTY OTY OTY OTY OTY OTY OTY OTY OTY OT	FACT SHEET: C-9 MN-: PROJECTED FINANCIAL PLAN	3150	NAVSTAF (CONTINUED)	GLOBAL	NAVSTAR GLOBAL POSITIONING SYSTEM (INUED)	IING SYS					(CONTINUED)			
20 5.1 3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	E TO ROUNDING.) FY-94 FY-95 Z/96 Z/97 FY-94 SY-96 Z/97 FY-94 TY-95 Z/96 Z/97 FY-94 TY-95 Z/96 Z/97 FY-94 TY-95 Z/96 Z/97 FY-94 Z/96 Z/97 FY-94 Z/96 Z/97 FY-94 Z/96 Z/97 FY-94 Z/96 Z/97 FY-95 Z/96 Z/97 FY-96 Z/97 Z/98 FY-97 FY-96 Z/97 FY-97 Z/98 FY-97 Z/98 Z/96 Z/97 Z/97 Z/98 FY-97 Z/98 Z/96 Z/97 Z/98 Z/97 Z/98 Z/98 Z/97 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98 Z/98		OTY		QTY	FY-02	E !	t	TOTY	OCOME	AMT	QTY	TOTAL	AMT	
ETO ROUNDING.) FY-94 FY-95 FY-94 FY-95 FY-94 FY-95 FY-95 FY-95 FY-95 FY-95 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97	20 5.1 3 3.3 3.3 3.6 1.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7														
FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-95 Z/96 Z/97 Z/98 FY-97 Z/96 Z/97 Z/98 FY-97 Z/96 Z/97 Z/98 FY-97 Z/96 Z/97 Z/98 FY-97 Z/96 Z/97 Z/98 FY-97 Z/96 Z/97 Z/98	ETO ROUNDING.) FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-95 Z/96 Z/97 Z/98 FY-95 Z/96 Z/97 Z/98 FY-95 Z/96 Z/97 Z/98 FY-96 Z/97 Z/98 FY-97 FY-95 Z/96 Z/97 Z/98 FY-97 FY-97 Z/98 FY-97 Z/98 Z/96 Z/97 Z/98 FY-98 Z/96 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/97 Z/98 FY-98 Z/98 Z/98 FY-98 Z/98 Z/98 Z/98 FY-98 Z/98 Z/98 FY-98 Z/98 Z/98 Z/98 FY-98 Z/98 Z/98 Z/98 FY-98 Z/98 Z/98 Z/98 FY-98 Z/98 Z/98 FY-9											č			
3.9 2.6 2.6 2.7 1.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3.9 2.6 1.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7											4		3.3	
E TO ROUNDING.) F.Y-94 F.Y-95 F.Y-96 F.Y-97 F.Y-98	1.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7													6.6	
FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-96 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-96 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/97 Z/97 Z/98 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97	1.1 (5) 1.1													7.0	
FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 = FY-95 Z/96 Z/97 Z/98 FY-94 = FY-95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98	FY-94 FY-95 Z/96 Z/97 FY-96 FY-95 Z/96 Z/97 FY-94 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 Z/97 Z/98 Z/96 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/98 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97													1.4	
FY-94 FY-95 EY-96 FY-97 FY-98 FY-94 Z/95 Z/96 Z/97 FY-94 = FY-95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 FY-95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-94 Z/95 Z/96 Z/97 FY-96 Z/97 FY-97 FY-97 FY-96 Z/97 FY-97 FY-97 FY-97 FY-97 FY-97 FY-97 FY-97 FY-98 FY-97 FY-97 FY-98 Z/96 Z/97 FY-97 FY-97 FY-98 Z/96 Z/97 FY-97 FY-97 FY-97 FY-98 FY-97 FY-97 FY-98 Z/96 Z/97 FY-97 FY-97 FY-98 Z/96 Z/97 FY-98 Z/96 Z/97 FY-98 Z/96 Z/97 FY-97 FY-97 FY-98 Z/96 Z/97 FY-98 Z/97 FY-98	FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/97 Z/98 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97														
FY-94 FY-95 Z/96 Z/97 FY-96 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-96 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97	FY-94 FY-95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 FY-94 Z/95 Z/96 Z/97 Z/98 Z/98 Z/96 Z/97 Z/98 Z/98 Z/96 Z/97 Z/98 Z/98 Z/96 Z/97 Z/98 Z/96 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/98 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97													1.7	
FY-94 FY-95 FY-96 FY-97 FY-98	FY-94 FY-95 FY-96 FY-97 FY-98	WARE													
E TO ROUNDING.) FY-94 FY-95 FY-96 FY-97 FY-96	FY-94 FY-95 FY-96 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97											2		1.1	
E TO ROUNDING.) FY-94 FY-95 FY-96 FY-96 4/94 2/95 2/96 2/97 FY-94 FY-95 2/96 2/97 FY-94 TY-95 2/96 2/97 FY-94 TY-95 2/96 2/97 FY-94 TY-95 2/96 2/97 FY-94 TY-95 2/96 2/97 FY-94 TY-95 2/96 3/97 FY-94 TY-95 3 4 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	E TO ROUNDING.) FY-94 FY-95 FY-96 FY-97 4/94 2/95 2/96 2/97 FY-94 FY-94 FY-95 1/96 2/97 FY-94 TY-95 2/96 2/97 FY-94 TY-95 1/96 2/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-94 TY-95 1/96 1/97 FY-95 1/96 1/97 FY-95 1/96 1/97 FY-96 1/97 FY-97 TY-96 1											© ~		1:1	
E TO ROUNDING.) FY-94 FY-95 FY-96 FY-97 FY-98 4/94 2/95 2/96 2/97 4/95 2/96 2/97 2/98 FY-94 FY-94 FY-95 1/98 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 4 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	E TO ROUNDING.) FY-94 FY-95 FY-96 FY-97 FY-98 4/94 2/95 2/96 2/97 4/95 2/96 2/97 2/98 FY-94 FY-94 FY-95 FY-96 FY-96 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 3 4 4 4 3 3 3 3 3											9		1.0	
E TO ROUNDING.) FY-94 FY-95 EY-96 FY-98 4/94 2/95 2/96 2/97 4/95 2/96 2/97 FY-94 FY-95 FY-96 FY-94 FY-95 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	E TO ROUNDING.) FY-94 FY-95 FY-96 FY-97 4/94 2/95 2/96 2/97 4/95 2/96 2/97 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3											(,			
FY-94 FY-95 FY-96 FY-97 FY-98 4/94 2/95 2/96 2/97 4/95 2/96 2/97 FY-94 FY-94 FY-94 FY-95 FY-95 FY-96 FY-97 FY-96 FY-97 FY-97 FY-97 FY-96 FY-97 FY-97 FY-97 FY-97 FY-96 FY-97 FY-97 FY-97 FY-97 FY-97 FY-98 FY-97 FY-97 FY-98 FY-97 FY-98 FY-97 FY-98 FY-97 FY-98	FY-94 FY-95 FY-96 FY-97 FY-96 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 4/95 2/96 2/97 3 4 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	COST	 					! ! !				23			
E TO ROUNDING.) FY-94 FY-95 FY-96 FY-97 FY-98	FY-94 FY-95 FY-96 FY-97 FY-98					·				-	1	1	!	-	
FY-94 FY-95 FY-96 FY-97 FY-98	FY-94 FY-95 FY-96 FY-97 FY-98	OO) OD DUE	TO ROUR	(DING.)								23	_	22.0	
	4/95 2/96 2/97 2/98 4/95 2/96 2/97 2/98 4/95 2/96 2/97 2/98 FY-94 FY-97 FY-98 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		FY-94	FY-95	FY-96	FY-97	FY-98								
FY-94 FY-95 FY-96 FY-97 FY-98 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	FY-94 FY-95 FY-96 FY-96 FY-97 FY-98 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	/EV)	4 / 94	2/95	2/96	2/67									
FY-94 FY-95 FY-96 FY-97 FY-98 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	FY-94 FY-95 FY-96 FY-97 FY-98 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 3 3 4 3 3 3 3 4 4 3 3 3 3	/FY)	4/95	2/96	2/97	2/98									
3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 4 3 3 3 3 4 4 3 3 3 3	ULE:	FY-94		FY-	-95		FY-96	ш	Y-97			FY-98		
) r) m	1	2	3 4	1 2		4	7	1	01 6	3 4	٦ ٣	7 F	m m	4 6
	า			•						, ,		י רי	י נ) (י ר

UNCLASSIFIED

		BUDGET ITEN	TEM JUSTIFICATION				DATE	EEBDIIADV 4007
		(EXHIB	(EXHIBIT P-40)				בפאס	566
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	NS.	P-1 ITEM NOMENCLATURE: C-17A	LATURE: C-17A			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$20.817	\$41.934	\$59.053	\$42.936	\$73.024	\$232.577	\$295,167	\$318.265

This line item funds modifications to the C-17 aircraft. The four engine C-17 is the only aircraft capable of routine delivery of outsize cargo (tanks, helicopters, etc.) to short, austere airfields.

The aircraft can carry up to 102 troops, 48 litter patients, or 18 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to improve reliability and maintainability. The specific modifications budgeted and programmed are below.

	,																												
TOTAL	PROG.	9.1		11.9	2.8	18.1	1.0	7.8	0.1	0.1	36.9	1.6	10.6	10.3	2.4	13.8	2.8	0.4	21.5	19.8	18.6	25.3	180.3	20.2	94.1	247.0	306.0	23.5	213.7
COST	TO GO															1.1							61.1		1.7	154.9	81.1		15.6
FY-03	,	1.9	1.9													5.6							47.6	0.9	11.4	90.6	48.6	1.8	76.3
FY-02		1.9	1.9													9.0					0.9		34.6	7.5	37.7	1.5	74.8	8.5	102.4
FY-01		1.9	1.9													9.0					7.0		36.4	11.6	42.5		75.8	10.9	16.8
FY-00	,		1.9												1.4	0.8					10.7	10.5	9.0	0.2	0.8		25.7	2.3	5.6
FY-99		0.2	0.2		0.8	2.7	0.8	2.0					9.0		1.0	1.8	0.3		8.7			14.4							
FY-98	,	1.9	1.9	4.4	2.0	13.9	0.2	5.7					9.6			3.0			0.2	1.7		0.4							
FY-97				7.5	0.1	1.4		0.1	0.1	0.1	2.7		0.3			0.4	2.5	0.4	12.6	18.1									
FY-96											19.0	1.0		0.4															
THE MOTHER CANADA	MODIFICATION TITLE	LOW COST SAFETY MODIFICATIONS	CLASS P-S TOTAL FOR C-17	STATION KEEPING EQUIPMENT (SKE)	TROOP DOOR AFT FAIRING	SIDEWALL OXYGEN BOX RELOCATION	NIGHT LIGHT LOADMASTER STATION	AEROMED LITTER STANCHION REDES	GROUND PROXIMITY WARNING SYSTE	TRANSPONDER TEST UNIT (TTU) DE	ACCELERATED AIRLIFT DEFENSIVE	COMFORT PALLET ELECTRICAL PROV	CONTAINER DELIVERY SYSTEM ENHA	UPGRADE TO 75/90 KVA GENERATOR	AUTO COMM PROCESSOR (ACP)	400 POUND PARATROOPER SEAT	SURE-COMM	LIFE RAFT CONTAINER/SURVIVAL K	MISSION COMPUTER	PRECISION LANDING SYSTEM RECEI	AIRCRAFT LIFETIME EXTENSION UP	GPS INTEGRITY MONITORING CAPAB	OPERATIONAL FLEXIBILITY UPGRAD	AIRDROP CAPABILITY ENHANCEMENT	CARGO COMPARTMENT UPGRADES	MAINTAINABILITY IMPROVEMENTS	AVIONICS BLOCK UPGRADE	COCKPIT UTILIZATION UPGRADES	CARGO COMPARIMENT SYSTEM IMPRO
MOD	NR	ARRAGA	U	6002	6005	9009	6007	8009	6009	6010	6012A	6014	6015	6017	6025	6026	6042	6049	6053	6153	6200	6201	6202	6203	6204	6205	6206	6207	6208
6	CLASS	7 N		Ь						-																			

Totals may not add due to rounding.

P-1 SHOPP LIST	PAGE NO.	4 5
ITEM NO. 035		1/7
	UNCLASSIFI	ED
	•	

UNCLASSIFIED

			BUDGET ITER (EXHIE	ET ITEM JUSTII (EXHIBIT P.40)	ITEM JUSTIFICATION XHIBIT P-40)							DATE	FEBRUARY 1997	ty 1997
APPROPRIAT AIRCRAFT	TION/BU	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATIO	NS		P-1 ITE	P-1 ITEM NOMENCLATURE: C-17A	CLATURE	: C-17A					
		1996	1997		1998		1999		2000		2001		2002	2003
COST (In MII)		\$20.817	\$41.934		\$59.053		\$42.936		\$73.024	69	\$232.577	\$	\$295.167	\$318.265
MC	MOD			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL	
CLASS NR	ĸ	MODIFICATION TITLE	TLE									TO GO	PROG.	
P 97(9702	8.33 KHZ VFH RADIO			5.6	9.8							15.4	
)16	9703	DUAL ROW AIRDROP CAPABILITY	CAPABILITY			0.1	2.3	3.4					5.8	
116	9704	SILVER BULLET				5.9							5.9	
)16	9705	ELECTRONIC FLIGHT CONTROL SYST	CONTROL SYST				0.2	8.3	5,3				13.7	
)16	9016	SOFTWARE BLOCK UPDATE	DATE				7.3	3.7	4.1	4.7	5.2	12.0	37.0	
97(9707	RM&A MODS						0.1	3.4	1.1			4.6	
116	9708	OPEN ARCHITECTURE							16.3	19.0	28.5	9.5	73.3	
i66	X66666	LOW COST MODIFICATIONS	TIONS	0.4									1.5	
182	288888	REPROGRAMMINGS			6.6-								6.6-	
	ij	CLASS P TOTAL	TOTAL FOR C-17	20.8	41.9	57.1	42.7	71.1	230.7	293.3	316.4	337.0		
TOTAL FOR C-17	JR C-17			20.8	41.9	59.1	42.9	73.0	232.6	295.2	318.3	337.0		

Totals may not add due to rounding.

PAGE NO.

P-1 SHOPP LIST ITEM NO. 035

UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED:

DESCRIPTION/JUSTIFICATION: The Station Keeping Equipment (SKE)-2000 uses advanced technology, weighs 64 lbs. less than the system being replaced, and achieves substantial life cycle cost savings. The SKE system provides positioning information and is used in conjunction with other SKE to permit each formation aircraft to stay in a preassigned position relative to lead aircraft. TEAM MOBIL PE 0401130F CLC C-17 MODIFICATION TITLE AND NO: STATION KEEPING EQUIPMENT (SKE) -2000 MN-6002 CENTER: ASC

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

AMT FY-00 QTY AMT FY-99 OTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 OTY AMT PRIOR QTY

PROCUREMENT (3010)

RDT&E (3600)

INSTALL KITS KITS NONRECUR

7.5

32

EQUIPMENT EQUIP NONREC

CHANGE ORDERS DATA

SUPPORT-EQUIP SIM/TRAINER

INSTALLATION OF HARDWARE 32 FY-97

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM (TOTALS MAY NOT ADD DUE TO ROUNDING.) TOTAL INSTALL QTY/COST TOTAL COST (BP-1100)

INITIAL LEAD TIME -- 8 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

4.4

*** UNCLASSIFIED ***

(ED)	TOTAL QTY AMT		32 7.5	32) 4.4	32 4.4	32 11.9		
(CONTINUED)	TO COMP QTY AMT			_				
Е) -2000	FY-03 QTY AMT Q							FY-98 1 2 3 4 10 11 11 10 11 11
STATION KEEPING EQUIPMENT (SKE) -2000 :NUED)	FY-02 QTY AMT							FY-97 2 3 4 1
6002 (CONT)	FY-01 QTY AMT						2/97	FY-96 2 3 4 1
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIMTRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 32 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 035-2 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17 CLASS P

TEAM MOBIL PE 0401130F FY 1998 PB MODIFICATION TITLE AND NO: TROOP DOOR AFT FAIRING MN-6005

DEVELOPMENT STATUS: None. No RDT&E Required.

DESCRIPTION/JUSTIFICATION: Provide improved troop exit path and reduce lifecycle cost by deactivating fairing actuators/ AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED:

DATE 02/14/97

PROJECTED FINANCIAL PLAN

AMT FY-00 OTY AMT FY-99 OTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY

PROCUREMENT (3010) KITS NONRECUR INSTALL KITS RDT&E (3600)

2.0

39

EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

INSTALLATION OF HARDWARE KITS SUPPORT-EQUIP SIM/TRAINER FY-97

39 KITS FY-98

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 18 MONTHS

(68) 39 2.0 39 0.1

0.8 0.8 9.0

FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED *** PAGE 035-3

	AMT	:	2.0		0.8			ى 4
	TOTAL	!						FY-00 2
NUED)	QTY	1	40	(1) (39)	40	40		1 10 10
(CONTINUED)	AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						4 10 10
_	TO COMP							99 3 10 10
	TO QTY							FY-99 1 2 1 9
	-	i !						₹
	3 AMT							м
	FY-03	!						FY-98 2
	QTY	!			! !	Y-00		-
NG	AMT	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!				124 1		4
FAIRI	FY-02					FY-99		3
TROOP DOOR AFT FAIRING (NUED)	QTY	1				FY	2/98 1/99	FY-97
S TROOP (CONTINUED)	1 AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				NG.) FY-97	2/97 4/98	4
009	FY-01 QTY	! ! !				TO ROUNDI		FY-96 2 3
FACT SHEET: C-17 MN-PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 1 KITS FY-98 39 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAX NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACTDATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INDUT OUTPUT

PAGE 035-4

MODIFICATION OF AIRCRAFT

02/14/97

DATE

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL CLASS P PE 0401130F CLC C-17 MODIFICATION TITLE AND NO: SIDEWALL OXYGEN BOX RELOCATION MN-6006 CENTER: ASC MODELS OF AIRCRAFT AFFECTED: C-17

DESCRIPTION/JUSTIFICATION: Relocate sidewall oxygen box to a reachable level, improving access to passenger oxygen masks when deployed. Mod will also reduce liner removal time. This mod now incorporates O2 Straps (MN-6001) based on the retrofit contractor proposal.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

AMT

FY-00

13.6 29 1,4 PROCUREMENT (3010) EQUIPMENT
EQUIP NONREC
CHANGE ORDERS KITS NONRECUR INSTALL KITS

2.7 2.7 2.7 29 (53) 0.3 13.9 0.3 29 3 1.4 TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM INITIAL LEAD TIME -- 6 MONTHS TOTAL INSTALL QTY/COST INSTALLATION OF HARDWARE KITS KITS SUPPORT-EQUIP 29 SIM/TRAINER FY-98

FOLLOW-ON LEAD TIME -- 4 MONTHS

*** UNCLASSIFIED *** PAGE 035-5

FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN	909	6 SIDEWA (CONTINUED)	SIDEWALL OXYGEN BOX RELOCATION (NUED)	N BOX REI	OCATION				(CON	(CONTINUED)		
	FY.	FY-01	2	FY-02	<u>}</u>	FY-03	E-Ma	TO	TO COMP	T.	TOTAL	
	77.1	AINI		THE STATE OF THE S	!	; ;		; ;	100			
RDT&E (3600)												
OCUREMENT (3010)												
INSTALL KITS KITS NONBECHE												
EQUIPMENT										32	15.1	
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
ATION OF												
										3) (0.3	
FY-98 29 KITS										(53)	2.7	
		1	1	1							1	
TOTAL INSTALL QTY/COST										32	3.0	
	1	1 1 1 1	1	1 1 2 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1		1 1 1	1	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUNI	OING.)								32	18.1	
	FY-96	FY-97	FY-98	FY-99								
(VG) dmc) - mag - mo a dmisoo		11070	00/0									
CONTRACT-DATE (QIR/FI) DELIVERY-DATE (QTR/FY)		4/97	4/98									
INSTALLATION SCHEDULE:	FY-96		FY-97	76		FY-98		FY-	FY-99			
QUARTERS 1 INPUT OUTPUT	0	3	1 2	ღ	4 1 1 1	2 2 2	Э. 4	1 2 9 10 9 10	2 3 10 10 10 10	4		

PAGE 035-6 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

02/14/97

DATE

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17 CLASS P

TEAM MOBIL

PE 0401130F

EXHIBIT P3A CONGRESSIONAL

MN-6008 MODIFICATION TITLE AND NO: AEROMED LITTER STANCHION REDESIGN CENTER: ASC MODELS OF AIRCRAFT AFFECTED: DESCRIPTION/JUSTIFICATION: This enhancement project will increase the C-17 Aeromedical litter stanchion height and revise related support structure to accommodate a 21" vertical separation between litter patients in a four tier configuration.

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete by Jul 96.

PROJECTED FINANCIAL PLAN

AMT FY-00 OTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 OTY AMT FY-96 QTY AMT PRIOR QTY

RDT&E (3600)

PROCUREMENT (3010) INSTALL KITS

KITS NONRECUR **EQUIPMENT**

5.7

39

0.1

CHANGE ORDERS EQUIP NONREC

SIM/TRAINER DATA

SUPPORT-EQUIP

INSTALLATION OF HARDWARE KITS 39 FY-97 FY-98

TOTAL INSTALL QTY/COST

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

TOTAL COST (BP-1100)

INITIAL LEAD TIME -- 18 MONTHS

0.1 5.7 39 0.1

2.0 2.0

39 39)

0.1

7

FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED *** PAGE 035-7

(03	TOTAL QTY AMT	1 1 1 1 1 1 1 1	40 5.8	1) 0.1 39) 2.0	40 2.0	40 7.8		FY-00 1 2 3 4 10 10
(CONTINUED)	٥			~~				4 10 10
9	OMP AMT							9 3 10
	TO COMP	!						FY-99 2 9
	ø							
	AMT							m
X.	FY-03	!						FY-98 2
EDESIG	QTY	!				00		H
HION R	AMT] - -				FY-00		4
STANCI	FY-02					FY-99		3
AEROMED LITTER STANCHION REDESIGN (NUED)	QTY	1				FY-98	2/98 1/99	FY-97
EROMED IVED)	AMT				; ; ;	NG.) FY-97	2/97 4/98	4
CINO	FY-01					UNDING 6 FY	2/4	m vo
-600	QTY	!				TO ROUN		FY-96 2
FACT SHEET: C-17 MN-PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 1 KITS FY-98 39 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

PAGE 035-8 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: C-17A

DESCRIPTION/JUSTIFICATION: Accelerated enhancement to the C-17 operational capability to operate in a low/medium threat environment. Equips the C-17 with a Missile Warning Receiver (WMR) and Counter Measure Dispenser System (CMDS).

AIRCRAFT BREAKDOWN: Active -- 30 RES -- 0 ANG -- 0 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17 TEAM MOBIL PE 0401130F MODIFICATION TITLE AND NO: ACCELERATED AIRLIFT DEFENSIVE SYSTEM MN-6012A CENTER: ASC

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL PLAN												
	P	PRIOR	FY-96	96	FY-	FY-97	FY-	FY-98	FY	FY-99	FY	FY-00
	OTY	AMT	OTY	AMT	OTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)											! ! ! !	
PROCUREMENT (3010)												
INSTALL KITS	10	3.5	20	5.2								
KITS NONRECUR												
EQUI PMENT	(01)	2.1	(20)	3.6								
EQUIP NONREC												
CHANGE ORDERS												
DATA		3.4		0.2		0.2						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-94 6 KITS	(9)	3.9										
FY-95 4 KITS	4	2.4										
FY-96 20 KITS			(16)	10.0	(4)	2.5						
TOTAL INSTALL QTY/COST	10	6.3	16	10.0	4	2.5		† 	!	; ; ; ;		
TOTAL COST (BP-1100)	10	15.3	50	19.0	1	2.7	:	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		!	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	WDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM INITIAL LEAD TIME 6 MONTHS	N: INST INITIAL	N: INSTALLATION CONTRACT INITIAL LEAD TIME 6 MONTHS	 CONTRACT 6 MONTH: 	FIELD TEAMS)LLOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 3 MONTHS				

PAGE 035-9

	TOTAL	AMT		Ċ	2.0	5.7		3.8				6°E	2.4	12.5	! ! !	18.7	1 1 1 1 1 1	36.9								
(CONTINUED)	TOT	QTY		Ċ	90							(9)	(4)	(20)	1	30		30								
	OMP	AMT													1 1 1 1 1 1		1 1 1 1 1 1 1 1						7	3		
	TO COMP	QTY													1 1 1								FY-97	1 2	7 7	2
¥)3	AMT															1 1 1 1 1 1 1							ω ·	0	9
IVE SYSTEN	FY-03	QTY													-								FY-96	1 2	۰۹	φ
FT DEFENS	2	AMT																	76	;				3 4	4	4
ACCELERATED AIRLIFT DEFENSIVE SYSTEM NUED)	FY-02	QTY	! ! ! !												1		!!!!!!		FY-96 FY-97		2/96	2/96	FY-95	1 2		
2A ACCELE (CONTINUED)	FY-01	AMT	1 1 1 1 1 1												1 1 1 1 1 1			OING.)	FY-95			4/95		3 4	φ	ဖ
601	FY.	QTY	 												1		1 1 1	TO ROUNI	FY-94		2/94	4/94	FY-94	8		
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS KITS NONRECUR	EQUIPMENT	EQUIP NONREC	DATA	SIM/TRAINER	SUPPORT~EQUIP	INSTALLATION OF HARDWARE	FY-94 6 KITS	FY-95 4 KITS	FY-96 20 KITS		TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	OUTPUT

PAGE 035-10 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

DATE

FY 1998 PB

FI 1990 ENGGRAM

MN-6015 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE OLG C-17 CLASS P

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL

PE 0401130F

CENTER: ASC MODIFICATION TITLE AND NO: CONTAINER DELIVERY SYSTEM ENHANCEMENT MODELS OF AIRCRAFT AFFECTED: C-17

DESCRIPTION/JUSTIFICATION: Increases container delivery from 30 to 40 containers per aircraft. AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 ΩŢ AMT PRIOR QTY RDT&E (3600)

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT

8.6

39

0.3

EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

EQUIF NONREC
CHANGE ORDERS
DATA
SIM'TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY-97 1 KITS
FY-98 39 KITS

TOTAL INSTALL OTY/COST

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 18 MONTHS

(39) 1 39 ---- 39 9.8

0.3

0.6

FOLLOW-ON LEAD TIME -- 12 MONTHS

PAGE 035-11
*** UNCLASSIFIED ***

	TOTAL AMT		10.0	0.0	9.0	10.6		
NUED)	OTY		40	(1)	40	40		
(CONTINUED)	<u>.</u>					<u> </u>		13 13
٥	OMP					1 1 1 1 1 1		9 3 13 13
	TO COMP				!	!		FY-99 2 13 13
	QTY					! ! ! .1		1
	AMT				! ! ! !	 		4 L L
INE	FY-03				İ	; ;	٠	38
CONTAINER DELIVERY SYSTEM ENHANCEMENT: NUED)	OTY F				 	! ! !		FY-98 2
4 ENH	,							 1
SYSTE	AMT					66-	ī	4
VERY	FY-02				'			33
DELI	OTY						2/98	FY-97 2
AINER	ł				1			1
5 CONTINUED)	1 AMT					ING.)	2/97	4
5 (CONT	FY-01				1	 IGNNO	ļ	36
MN-6015	QTY					TO ROUN	!	FY-96 2
AL PI			() () () () () () () () () () () () () (FT-98 39 KITS TOTAL INSTALL QTY/COST	rotal cost (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) AILESTONES FY-96 FY-9	S (QTR/FY) S (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT
FACT SHEET: C-17 PROJECTED FINANCI		RDT&E (3600)	INSTALL KITS INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA DATA SIM/TRAINER SUPPORT-EQUIP STALLATION OF	98 39 AL INSTALL	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	FALLATION SCI QUARTERS INPUT OUTPUT
FAC' PRO		RDT	PROCUI INS' KIT' EQUI	SIM/TE SIM/TE SUPPOF INSTALLA	FY-98 TOTAL	TOT: (TO: MILI	CON	INS

PAGE 035-12 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

MODIFICATION TITLE AND NO: UPGRADE TO 75/90 KVA GENERATOR MN-6017

MODELS OF AIRCRAFT AFFECTED: C-17

DATE 02/14/97

FY 1998 PB

CENTER: ASC

PE 0401130F

TEAM MOBIL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC C-17

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Upgrade to larger generators will assure sufficient aircraft electrical capacity for future growth. Installation costs (shown below) are based on contractor proposal, and includes recurring, non-recurring, and contractor field team install. These costs were not separately priced in the proposal. Installation on aircraft P1 & P2 (to be completed in FY96) is the only remaining effort.

AIRCRAFT BREAKDOWN: Active -- 9 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

AMT FY-00 OTY AMT FY-99 OTY AMT FY-98 QTYAMT FY-97 QTY AMT FY-96 OTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

8.4 6 PROCUREMENT (3010) KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS SUPPORT-EQUIP RDT&E (3600) INSTALL KITS SIM/TRAINER

9.0 MOD OF SPARES

INSTALLATION OF HARDWARE FY-95

6.0 0.9 7 TOTAL INSTALL QTY/COST KITS 6

0.4 0.4 0.4

5

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 1 MONTHS 6.6 (TOTALS MAY NOT ADD DUE TO ROUNDING.) TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 1 MONTHS

*** UNCLASSIFIED *** PAGE 035-13

	TOTAL						8.4					9.0	,		1	1.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10.3								
(CONTINUED)	TO	.					6						,	6)	1	6	1	6								
(CONT	TO COMP														1		1									
	TO														-		1									
	FY-03	1111													1											
ATOR	P. F.														1		1									
(VA GENER)2 AMT	71.77																							3 4	
1 06/51 0	FY-02	117													1									FY-96	2	
7 UPGRADE TO 75/90 KVA GENERATOR (CONTINUED)	1 nwn	AU11																	NG.)	FY-96					4 1	
-601	FY-01	1 2 1													!!!!!		!		TO ROUNDI	FY-95		2/95	2/95	FY-95	2 3	5 2 2
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	MOD OF SPARES	TION OF	FY-95 9 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT OUTPUT

PAGE 035-14 *** UNCLASSIFIED ***

02/14/97 DATE

FY 1998 PB

OF AIRCRAFT MODIFICATION

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL

PE 0401130F

CLC C-17 MN-6026 MODIFICATION TITLE AND NO: 400 POUND PARATROOPER SEAT

DESCRIPTION/JUSTIFICATION: Procures and installs one set (102 fabric-type) paratrooper seats on each aircraft. These seats support user (Army) requirements, provide safety and support to the occupant and meet the revised C-17 troop seat specifications. Supplier capacity (total of 16 shipsets for production and retrofit) dictates schedule.

AIRCRAFT BREAKDOWN: Active -- 26 RES -- 0 ANG -- 0

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: C-17

DEVELOPMENT STATUS: RDT&E complete.

PROJECTED FINANCIAL PLAN

0.5 AMT FY-00 OTY 1.6 AMT FY-99 m QTY 3.0 AMT FY-98 QTY 0.4 AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROCUREMENT (3010) INSTALL KITS RDT&E (3600)

SUPPORT-EQUIP INSTALLATION OF HARDWARE KITS KITS KITS KITS KITS CHANGE ORDERS KITS NONRECUR EQUIP NONREC SIM/TRAINER **EQUIPMENT** FY-99 FY-00 FY-97 FY-98 FY-01 FY-02

0.2

33

0.1 0.2

1)

0,3

0.3 1.8

0.8

3.0

0.4

KITS FY-03 FY-04

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM INITIAL LEAD TIME -- 12 MONTHS (TOTALS MAY NOT ADD DUE TO ROUNDING.)

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED *** PAGE 035-15

FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN	-602	6 400 P (CONTINUED)	OUND PA	400 POUND PARATROOPER SEAT: NUED)	R SEAT				Ď	(CONTINUED)	6	
	POTY	FY-01 AMT	OTY	FY-02	AMT	FY-03 QTY	3 AMT	TO QTY	TO COMP	QTY	TOTAL	AMT
. RDT&E (3600)	 	! ! ! !	i 	!	!	1		1		!	 	
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	1	o. s.	S		o.	11	٠. د.	17	ó	.5	26	12.5
INSTALLATION OF HARDWARE FY-97 1 KITS FY-98 7 KITS FY-99 3 KITS											1)	0.1
FY-00 1 KITS	(1)	0.1			,						1)	0.1
<u>-</u>			_	1)	0.1	1)	0.1				1)	0.1
	!		i					(11)	0.6		11) 1)	0.6
TOTAL INSTALL QTY/COST	1	0.1				"	0.1	12	0.6	į	26	1.3
TOTAL COST (BP-1100) 1 (TOTALS MAX NOT ADD DUE TO ROUNDING.) MILESTONES	1 TO ROUN	0.6 DING.)	i	1	9.0	11	5.6	1	1.1	-	26	13.8
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05		
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		2/97	2/98	2/99	2/00	2/01	2/02	2/03	2/04			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2	es A	1 EY	FY-97 2 3	4 1	FY-98 2	3	FY-99 1 2 1 1 1 1	99 3 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FY-00 2 2 2 2	4 2 2 3
INSTALLATION SCHEDULE: QUARTERS 1 LINFUT OUTPUT	FY-01 2 1	3	1 1	FY-02 2 3 1	4 1	FY-03 2 1	ω 44	FY-04 1 2 3 3		2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FY-05	₄₄

PAGE 035-16
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL PE 0401130F CENTER: ASC MODIFICATION TITLE AND NO: SURE-COMM MN-6042 MODELS OF AIRCRAFT AFFECTED:

DESCRIPTION/JUSTIFICATION: This modification replaces the present C-17 wireless Communication Control System with a commercial Sure-Comm Wireless Communication System with appropriate additional hardware to interface with the C-17.

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY DEVELOPMENT STATUS: None. No RDT&E required. AMT PRIOR PROJECTED FINANCIAL PLAN

AMT FY-00 QTY AMT QTY RDT&E (3600)

PROCUREMENT (3010) KITS NONRECUR INSTALL KITS

2.5

40

CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUI PMENT DATA

INSTALLATION OF HARDWARE SUPPORT-EQUIP 40 FY-97

TOTAL INSTALL OTY/COST

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 18 MONTHS TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 18 MONTHS

40

0.3 0.3 0.3

39 (68)

> *** UNCLASSIFIED *** PAGE 035-17

ED)	TOTAL.	QTY AMT	111111111111111111111111111111111111111				40 2.5						40) 0.3		40 0.3	11618441	40 2.8					FY-00	1 2 3 4	10	10
(CONTINUED)													~										7		10 1
5	ΔĐ	AMT	 													1							ю		10
	TO COMP		!																			F.Y - 99	2	o,	6
		QTY																					1		
		AMT	! ! !																				4	Н	1
	FY-03	*												-		!						86	3		
	ĬΞ	QTY												1		1	•					FY-98	7		
																		FY-00	1				4		
	FY-02	AMT												1		1 1 1 1 1 1		FY-99	1	2/99	4/99	76	ന		
COMM		OTY												1		1 1 1		FY-98	! ! ! ! !	2/98	4/98	FY-97	1 2		
2 SURE-COMM (CONTINUED)	FY-01	AMT												1		1	OING.)	FY-97	1	2/97	4/98		3 4		
-604	FY	QTY												+ 1 - 1		1	TO ROUNE	FY-96				FY-96	2		
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY-97 40 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	OUTPUT

PAGE 035-18

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: MISSION COMPUTER

MN-6053

DESCRIPTION/JUSTIFICATION: The mission computer upgrade is a producibility enhancement which corrects operational deficiencies in the current design and provides a long term solution for future growth requirements.

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0 TEAM MOBIL PE 0401130F CENTER: ASC MODELS OF AIRCRAFT AFFECTED:

DEVELOPMENT STATUS: None. No RDT&E required.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 OTY AMT PRIOR OTY PROJECTED FINANCIAL PLAN

RDT&E (3600)

PROCUREMENT (3010) KITS NONRECUR INSTALL KITS EQUI PMENT

12.6

40

CHANGE ORDERS EQUIP NONREC

SIM/TRAINER

INSTALLATION OF HARDWARE SUPPORT-EQUIP 40 TOTAL INSTALL OTY/COST

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 20 MONTHS

12.6

40

8.7 8.7 8.7 0.2 (39) 0.2

FOLLOW-ON LEAD TIME -- 20 MONTHS

*** UNCLASSIFIED *** PAGE 035-19

167

	AL AMT		12.6	8 6	8.9	21.5		° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
NUED)	TOTAL		40	(40)	40	40		FY-00 1 2 10 10
(CONTINUED)	AMT				!] 		4 10
	TO COMP				1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1] 		99 3 10
	TO QTY				1 1 1 1	 		FY-99 1 2 9
	AMT					1 1 1		4 44 4
	FY-03 Al				:			e e
	EY OTY					1 2 3 1		FY-98 2
	•	I				. 00		H
	02 AMT				 	1	•	ъ 4
TER	F.Y					FY		FY-97
MISSION COMPUTER [NUED]	QTY					FY-98		î Î
MISSIC NUED)	01 AMT				1 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ING.) FY-97	2/97	4
ONT	FY-01	į				JNDING	1 2 4	e G
909	QTY					TO ROUN		FY-96 2
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 40 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC C-17

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL PE 0401130F FY 1998 PB MODIFICATION TITLE AND NO: PRECISION LANDING SYSTEM RECEIVER (PLSR) MN-6153 CENTER: ASC MODELS OF AIRCRAFT AFFECTED: C-17

DESCRIPTION/JUSTIFICATION: Provides the capability to fly precision approaches to austere fields during contingency operations.

DEVELOPMENT STATUS: R&D complete 3/97. Integrates existing hardware into C-17 avionics suite.

AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

AMT OTY 1.7 2 9.7 7.6 18.1 8.4 39 (34) 34 39 TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM INITIAL LEAD TIME -- 4 MONTHS INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST PROCUREMENT (3010) EQUIPMENT
EQUIP NONREC
CHANGE ORDERS SUPPORT-EQUIP KITS NONRECUR 39 INSTALL KITS RDT&E (3600) SIM/TRAINER FY-97

FOLLOW-ON LEAD TIME -- 0 MONTHS

*** UNCLASSIFIED *** PAGE 035-21

	TOTAL	1670				8.4							11.4		11.4		19.8							
(CONTINUED)	, iii					39							(66)	1	39	1	39							
(CONT	TO COMP	TEN .														1								
	TO	1												1										
(PLSR)	FY-03 AMT	111111111111111111111111111111111111111												1 1 1 1 1 1 1									נו קי	
ECEIVER	P. F.	; ;												!								FY-98	7 5	5
SYSTEM R	2 AMT	1111																				•	3 7 17	7 17
PRECISION LANDING SYSTEM RECEIVER (PLSR) NUED)	FY-02													1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				FY-98				FY-97	17	17
3 PRECIS (CONTINUED)	FY-01 AMT																ING.)	FY-97	!	2/97	16/6		5	
-615	FY- OTY	; ; ; ;															TO ROUND	FY-96				FY-96	7	
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR ÈQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY-97 39 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT - DATE (QTR/FY)	DELIVERITURIE (VIN/FI)	INSTALLATION SCHEDULE:	INPUT	OUTPUT

PAGE 035-22 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

TEAM MOBIL

PE 0401130F

EXHIBIT P3A CONGRESSIONAL

CLC C-17 MN-6201 MODIFICATION TITLE AND NO: GPS INTEGRITY MONITORING CAPABILITY IMPROVEMENTS

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED:

DATE 02/14/97

FY 1998 PB

DESCRIPTION/JUSTIFICATION: This modification increases the C-17's capability by incorporating GPS in the IRU, adding receiver autonomous integrity monitoring, and adding fault detection and exclusion equipment.

AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete FY97/4.

QTY AMT FY-99 OTY AMT FY-98 OTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

AMT

FY-00

PROCUREMENT (3010) INSTALL KITS RDT&E (3600)

6.7 15 14.3 32 0.4 -INSTALLATION OF HARDWARE SUPPORT-EQUIP KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS SIM/TRAINER

0.1

î

KITS KITS

32

3.8 10.5 32) 47 0.1 14.4 32 0.4 TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT TOTAL INSTALL QTY/COST KITS FY-98 FY-99 FY-00

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED *** PAGE 035-23

567

	TOTAL AMT		21.4	;		0.1		3.9	25.3			00 3 4 12 12 12 12	
(CONTINUED)	TOI QTY	1	α.	2		(1)	(15)	48	48			FY-00 1 2 11	
(CONT.	OMP AMT	1						1				3 4	
VTS	TO COMP QTY							! ! !	3 5 6 9 1			FY-99	
GPS INTEGRITY MONITORING CAPABILITY IMPROVEMENTS (NUED)	03 AMT							 	 			£	
PABILITY	FY-03 QTY	! ! !						 	 	0 FY-01		FY-98	
TORING CP								t t t t	6 6 6 8 8 8	99 FY-00	W F4	3	
GRITY MONJ	FY-02 QTY								1 	FY-98 FY-99		FY-97	
1 GPS INTE (CONTINUED)	FY-01 AMT	; { { { { { { { { { { { { { { { { { { {							dding.)	FY-97 F)	(1.4	8 4	6 4
-620									TO ROUR	FY-96		FY-96 2	FY-01 2
FACT SHEET: C-17 MN-PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EOUTPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	FY-98 1 KITS	15	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 12 OUTPUT 12

,
PAGE 035-24
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17 CLASS P

EXHIBIT P3A CONGRESSIONAL

DATE 02/14/97 FY 1998 PB

DESCRIPTION/JUSTIFICATION: The purpose of the modification is to relieve the VHF spectrum congestion in Europe. To accomplish this, all VHF radios will be modified for channel spacing of 8.33 KHz. Effective 1 JAN 99, all aircraft operating in airspace for which the 8.33 KHz channel spacing has been mandated, must have the modified VHF radios. The A/B SINCGARS mod (MN-3429) has been incorporated into this mod. TEAM MOBIL PE 0401130F CENTER: ASC MN-9702 MODIFICATION TITLE AND NO: 8.33 KHZ VFH RADIO MODELS OF AIRCRAFT AFFECTED: C-17

AIRCRAFT BREAKDOWN: Active -- 43 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development will be complete 2/98.

PROJECTED FINANCIAL PLAN	PR	RIOR	FY-96	9	FY-97	76	FY	FY-98	FY	FY-99	FY	FY-00	
		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	
RDT&E (3600)	 	 	! ! ! !	! ! ! ! !	!								
PROCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR													
EQUIPMENT					22	5.6	21	5.0					
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-97 22 KITS							(22)	2.5					
FY-98 21 KITS							(21)	2.4					
	1	1				1	 	1 1 1		1	1	1	
TOTAL INSTALL QTY/COST							43	4.8					
	-	1 1 1	1 1 1				1	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1		
TOTAL COST (BP-1100)					22	5.6	21	8.6					
(TOTALS MAY NOT ADD DUE TO ROU	TO ROUN	JNDING.)											
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM	ISNI :	ALLATION	CONTRACT	FIELD TEAM									
H	INITIAL	INITIAL LEAD TIME 12 MONTHS	- 12 MONTH	S	FO	CLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 4 MONTHS					

*** UNCLASSIFIED ***

	AL AMT		10.6	2. 2. 3. 4.	4.8	15.4		
(CONTINUED)	TOTAL QTY	; ; ;	43	(22) (21)	43	43		•
(CONT	TO COMP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	TO C							
	AMT							4 21 21
	FY-03 Al							8 3 21 21
	FY					i i i i		FY-98 2 1
	a	!						
	AMT	1				 		4
DIO	FY-02	i			l			3
FH RA	P QTY					 88 8		FY-97 2
кн2 и						FY	1/98	 1
(CONTINUED)	AMT	 				ING.) FY-97	2/97	4
ONTI	FY-01	ł			1	JADIN.		m
976	QTY					TO ROUN		FY-96 2
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	INSTALL KITS INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 FY-97 FY-97 FY-98 EY-98 EY-98	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-96	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT
H III		cc.	PR PR PR PR PR PR PR PR PR PR PR PR PR P	SSSEE	H	H O 2	0 0	н

PAGE 035-26

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE $${\rm CL}_{\rm C}$$ CL17 CLASS P

TEAM MOBIL

PE 0401130F

MODELS OF AIRCRAFT AFFECTED: C-17

MODIFICATION TITLE AND NO: DUAL ROW AIRDROP CAPABILITY MN-9703

DATE 02/14/97

CENTER: ASC

DESCRIPTION/JUSTIFICATION: Increases the airdrop capability by allowing cargo to be dropped from two rows sequentially. AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development will be complete 1st Qtr FY98

PROJECTED FINANCIAL PLAN

AMT QTY AMT FY-99 QTY AMT QTY AMT FY-97 QTY AMT FY-96 ΩŢΫ AMT PRIOR QTY

RDT&E (3600)

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT EQUIP NONREC CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY-98 1 KITS
FY-99 28 KITS
FY-00 19 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION ---

INITIAL LEAD TIME -- 11 MONTHS

FOLLOW-ON LEAD TIME -- 8 MONTHS

1.9

47

3.4

19

2.3

28

0.1

1.1

28) 19)

7

19

2.2

28

0.1

*** UNCLASSIFIED *** PAGE 035-27

	£	!	3.8	0.0	0.8	1 & 1 •		4 11 11
	al Amt		.,	0 #	- 1	0 1 & 1 & 1 1		3 12 12
	TOTAL	!	48	(8)				FY-00 2 12 12
(CONTINUED)	QTY		4	(1)	(19)	1 1 1 8		1 12 12
CONT	E	!				! !		4
	OMP	 				1 1 1 1 1 1 1 1		_හ
	TO COMP	!			!	;		FY-99 2
	OTY	1 1 1 1				1 1 1 1		
	AMT	<u> </u>			1	1 1 1 1 1 1 1		4
	FY-03				1			33
		1 1 1 1] { 1 1		FY-98 2
TY						8	1/00	1
PABIL	AMT	: : : : :			 			4
DUAL ROW AIRDROP CAPABILITY (NUED)	FY-02	į			į	FY-99	1/99 4/99	37
AIRDR		! ! ! !			!	FY-98	8 8	FY-97 2
ROW						FΥ	1/98	T
3 DUAL (CONTINUED)		 			[]]]]	ING.) FY-97		4
3 (CONT	FY-01	i I				1 11 ONDC 1 96		39
-970	OTY				; ;	TO ROUP		FY-96 2
IL PI			•	DATA SIM/TRAINER SUPFORT-EQUIP INSTALLATION OF HARDWARE FY-98 1 KITS FY-99 28 KITS	FY-00 19 KITS TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) (ILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT
: C-17 FINANCIA		6	(3010 TS CUR EC ERS	ER QUIP N OF H 1 K	19 K TALL Q	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	ATE ((ATION SCI QUARTERS INPUT OUTPUT
FACT SHEET: PROJECTED FIN		(360	OCUREMENT (30 INSTALL KITS KITS NONRECUE EQUIPMENT EQUIP NONREC CHANGE ORDERS	RAINE RT-EQ ATION	INST	COST LS MA' TONES	ACT-DA ERY-DA	LLATIC QUAL
FACT PROJE		RDT&E (3600)	INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CQUIPMENT CANAGE ORDERS	DATA SIM/TRAINER SUPFORT-EQUIP STALLATION OF FY-98 1 FY-99 28	FY-00 TOTAL	TOTAL COST (TOTALS MAN	CONTR	Insta
			拓	I				

PAGE 035-28

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: C-17

MODIFICATION TITLE AND NO: SILVER BULLET MN-9704

DATE 02/14/97

FY 1998 PB

CENTER: ASC

TEAM MOBIL

PE 0401130F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17 CLASS P

DESCRIPTION/JUSTIFICATION: Modifies aircraft to accommodate the SILVER BULLET communications suite. AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development is scheduled to be complete 1/98.

PROJECTED FINANCIAL PLAN

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97QTY AMT FY-96 OTY AMT PRIOR OTY

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS KITS NONRECUR

EQUIPMENT EQUIP NONREC

CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-98 4 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION --INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

2.0 2.0 5.9

> *** UNCLASSIFIED *** PAGE 035-29

	TOTAL	AMT			o m) }				2.0		2.0	1 0	•						
(CONTINUED)		OTY			4	•				(4)	1	4		•						
(CONT	TO COMP	AMT									t 1 1 1 1									
	TO	OTY 											 - - - - -							
	FY-03	AMT									1		 					86	3	4
		OTY 											! ! !					FY-98	1 2	
	FY-02	AMT																	3 4	
SILVER BULLET NUED)		OTY .													FY-98		2/98 4/98	FY-97	1 2	
4 SILVEF (CONTINUED)	FY-01	AMT												OING.)	FY-97	1			3	
.970		QIY									1			TO ROUN	FY-96			FY~96	7	
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC	DATA	SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE	FY-98 4 KITS		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1 INPUT	OUTPUT

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

FY 1998 PB MODIFICATION TITLE AND NO: ELECTRONIC FLIGHT CONTROL SYSTEM (EFCS) MN-9705

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-17 CLASS P

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL PE 0401130F

DESCRIPTION/JUSTIFICATION: This mod will provide for greater memory and throughput to allow for future system expansion. AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: C-17

DATE 02/14/97

DEVELOPMENT STATUS: Development scheduled to complete 1/99.

PROJECTED FINANCIAL PLAN	Hd.	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-				 	1 1 1 1 1 1	1				1	
RDT&E (3600)												
PROCUREMENT (3010)												

35 (27) 7 35 0.2 0.2 TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS FY86/87 QTY
INSTALLATION OF HARDWARE
FY-99 1 KITS
FY-00 35 KITS
FY-01 12 KITS TOTAL INSTALL OTY/COST KITS NONRECUR EQUIPMENT EQUIP NONREC SIM/TRAINER MOD OF SPARES MOD OF SPARES CHANGE ORDERS INSTALL KITS PROCUREME

2.3

FOLLOW-ON LEAD TIME -- 6 MONTHS

8.3

*** UNCLASSIFIED ***

	TOTAL AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	48 8.2	4.5	0.0	6.0	13.7		FY-00 3 4 1 1 1 1	
(CONTINUED)	QTY		₹ 7		(1) (35) (12)	48	48		-	
CONT	Ħ					<u> </u>	! !		4	
	OMP					! ! ! !	1 1 1 1 1 1		е 6	
	TO COMP	!				1	· 		FY-99 2	
	OTY	!				<u> </u>			 1	
	AMT					!			4	
(SD:	FY-03 Al								ю	
ELECTRONIC FLIGHT CONTROL SYSTEM (EFCS)	FY- OTY	[FY-01	2/01	FY-98 2	
SYST	a	<u> </u>			i	1	FY-00	2/00	н	
NTROL	AMT] 					FY	4/6	4	
HT CO	FY-02	•					FY~99	2/99	ю ,	
FLIG	E QTY	! !							FY-97 2	
RONIC		ı	**	m 61	10.01		FY-		.	
(CONTINUED)	AMT		2.1	2.3	0.6	0.8	5.3 NG.) FY-97		4	111
ONTI	FY-01	!			i		NDING		m	3 12
.970	QTY		12	75) 150)	35)	47	TOTAL COST (BP-1100) 12 (TOTALS MAY NOT ADD DUE TO ROUNDING.)		FY-96 2	FY-01 2 12 12
MIN				9	(C	OST	DUE	33.33	. .	.E: 1 12 12
-17 NCIAL			ô	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	HAKUW. KITS KITS KITS	ZTY/C	-1100 r ADD	(QTR/)	иероп 3	нери
FACT SHEET: C-17 MN- PROJECTED FINANCIAL PLAN		(00)	(301 ITS. ECUR REC DERS			TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTFUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 1
SHEE		RDT&E (3600)	OCUREMENT (30. INSTALL KITS. KITS NONECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER MOD OF SPARES MOD OF SPARES FY86/87 QTY	0.00	, INS	COS:	ract-i ery-i	LLAT) QU?	LLATI QU? C
FACT		RDT&	PROCUREMENT (3010) INSTALL KITS. KITS NONRECUR EQUIPMENT EQUIPMENT CHANGE ORDERS DATA	SIM/TRAINER MOD OF SPARES MOD OF SPARES FY86/87 QTY	INSIALLE FY-99 FY-00 FY-01	TOTAL	TOTAL COST (TOTALS MA) MILESTONES	CONTR	INSTA	INSTA

PAGE 035-32

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: C-17

MODIFICATION TITLE AND NO: SOFTWARE BLOCK UPDATE

DATE 02/14/97

FY 1998 PB

CENTER: ASC

MN-9706

TEAM MOBIL PE 0401130F CLC C-17

DESCRIPTION/JUSTIFICATION: Integrate multiple software upgrades/changes into a single annual software block upgrade.

DEVELOPMENT STATUS: Currently refining scope of development effort. Expect contract award 2/98 with development complete 1/99. AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

PROJECTED FINANCIAL PLAN

AMT FY-00 OTY AMT FY-99 OTY AMT FY-98 OTY AMT FY-97 QTY AMT FY-96 OTY AMT PRIOR QTY

RDT&E (3600)

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT

CHANGE ORDERS EQUIP NONREC

SIM/TRAINER

SUPPORT-EQUIP

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- MONTHS

FOLLOW-ON LEAD TIME -- MONTHS

3.7 3.7

(48)

7.3

(40)

*** UNCLASSIFIED *** PAGE 035-33

305

FY	FY-01	ш.	FY-02	FY	FY-03	TO	TO COMP	TO	TOTAL
QTY	AMT	QTY	AMT	VIO	AMT	QTY	AMT	QTY	AMT
. (75)		4.1 (70)		4.7 (85)	5.2	5.2 (215)	12.0	1	37.0
	4.1				5.2		12.0		37.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	DING.)								
FY-96	FY-97	FY-98	FY-99						
1	 	1 1 1 1	-						
			1/99						
			66/2						

		BUDGET ITEN (EXHIB	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		-		DATE FEBRUARY 1997	Y 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	AFT MODIFICATION	SNO	P-1 ITEM NOMENCLATURE: C-21	LATURE: C-21			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In MII)	\$6.118	\$4.764	\$6.911	\$8.952	\$2.233	\$0.117	\$2.758	\$2.690

This line item funds modifications to the C-21 aircraft, commercial equivalent Lear Jet 35. The C-21 aircraft is a twin-turbofan engine aircraft used for cargo and passenger airlift over medium ranges (2,000 miles). The major modifications budgeted in FY98 is the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

	MOD			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFI	MODIFICATION TITLE									TO GO	PROG.
	3149T	TRAFFIC	TRAFFIC ALERT & COLLISON AVOID		1.4	4.9	8.9	2.1					17.3
	3150	NAVSTAR		9.7	3.2								13.6
	9701	MAGNAST	MAGNASTAR C-2000 DIGITAL FLIGH			2.0							2.0
	S66666	SERVICE	SERVICE BULLETINS	0.2	0.1		0.1	0.1	0.1	2.8	2.7		7.8
	288888	REPROGR	REPROGRAMMINGS	-3.8									-4.7
		CLASS P	TOTAL FOR C-21	6.1	4.8	6.9	9.0	2.2	0.1	2.8	2.7		
TAL	TOTAL FOR C-21	.21		6.1	4.8	6.9	9.0	2.2	0.1	2.8	2.7		

Totals may not add due to rounding.

P-1 SHOPP LIST PAGE NO. ITEM NO. 036

UNCLASSIFIED

SSIFIED

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Procures integration and installation of commercial off the shelf (COTS)/FDA approved Traffic Alert and Collision Avoidance System (TCAS II) to comply with the congressional FY 2000 mandate and Air Force Navigation/Safety equipment master baseline.

This system provides a visual display and aural warning of hazardous aircraft traffic and the corrective manuevers required whenever the hazard aircraft are equipped with a mode S transponder (required for instrument flight). The modification installs an avionics processor, two directional antennas, mode S transponder and displays. TEAM MOBIL PE 0401314F MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM MN-3149T CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-21A

AIRCRAFT BREAKDOWN: Active -- 76 RES -- 0 ANG -- 2

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN	PR	PRIOR	FY-96	96	FY-97	16	FY-98	-98	FY-99	66	FY-00	00
	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		:										
PROCUREMENT (3010) INSTALL KITS							25	1.4	41	2.5	10	9.0
KITS NONRECUR					7	1.0	(52)	2.7	(41)	5.1	(01)	1.2
EQUIP NONREC									Ì			
CHANGE ORDERS												
DATA						0.4						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 2 KITS							(1)					
FY-98 25 KITS							(26)	0.8				
FY-99 41 KITS									(41)	1.2		
FY-00 10 KITS												0.3
	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!					1 1 1 1 1					!
TOTAL INSTALL OTY/COST							27	0.8	41	1.2	10	0.3
TOTAL COST (BP-1100)	! ! !				2	1.4	25	4.9	41	8.9	10	2.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNI	OING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 12 MONTHS	N: INST	N: INSTALLATION DEPOT/FIELI	DEPOT/FIE	LD TEAM	FOI	TOW~ON LE	AD TIME -	FOLLOW-ON LEAD TIME 6 MONTHS				
1			-	2								

*** UNCLASSIFIED ***

PAGE 036-1

SYSTEM	
AVOIDANCE	
COLLISON	
ALERT 6	
TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM	TINUED)
MN-3149T	, PLAN (CON
; C-21	IANCIAL
FACT SHEET:	PROJECTED FIN

(CONTINUED)

	FY- OTY	FY-01 AMT	QTY	FY-02		FY-03 QTY	03 AMT		TO COMP	OMP AMT	QTY	TOTAL	AMT	
RDT&E (3600)														
ROCUREMENT (3010)														
INSTALL KITS KITS NONRECUR											9 7	۰ ۵	1.0	
EQUI PMENT													9.1	
EQUIP NONREC														
CHANGE ORDERS													•	
DATA .													0.4	
SIM INTER														
NSTALLATION OF HARDWARE														
FY-97 2 KITS											(1)	_		
25											(56	_	0.8	
FY-99 41 KITS											(41)	_	1.2	
FY-00 10 KITS											(10)	_	0.3	
			1						!		1 0	1		
TOTAL INSTALL CIT/COST									!	1	ļ		0.7	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESPONES	TO ROUNI	DING.)											17.3	
	FY-96	FY-97	FY-98	FY-99	FY-00									
CONTRACT-DATE (QTR/FY)	 	2/97	1/98	1/99	1/00									
DELIVERI-DAIE (QIK/FI)		06/7	3/ 30	66/6	3/ 00									
INSTALLATION SCHEDULE:	FY-96		FY-	FY-97		FY-98			FY-99	6		FY-00		
QUARTERS 1	7	3	1 2	2 3	4 1	~ ~	e i	4	1 2	e ;	4 1	7		
INPUT							13 13	13		20 20	21 21		9 9	

PAGE 036-2

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 FY 1998 PB

CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-21A

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-21

TEAM MOBIL

PE 0401314F

DESCRIPTION/JUSTIFICATION: Procures installation of military navigation equipment to comply with congressional FY 2000 mandate and Air Force navigation/safety equipment master baseline. Equipment will replace the current flight management system, which includes a navigation computer unit and adds 2 ea. (P-Y) coded global positioning receivers and a data transfer unit. This system is compatible with current FMS modes and complies with FAA requirements for GPS enroute navigation, terminal and non precision approach capabilities.

AIRCRAFT BREAKDOWN: Active -- 76 RES -- 0 ANG -- 2

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN												;
	PR	PRIOR	FY-96	96	FY	FY-97	FY	FY-98	FY	FY-99	E	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	OTY	AMT	QTY 	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			75	6.3	.	0.1						
KITS NONRECUR		9.0										
EQUI PMENT			(27)	3.2	(1)							
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.2								
SIM/TRAINER												
SUPPORT-EQUIP												
FY-95 2 KITS			(2)	0.1								
FY-96 75 KITS					(27)	3.1						
					(1)							
	1		1		1 1 1 1	1 1 1 1 1 1 1		1 1 1 1 1	1	!!!!!!!!!!!!	1	
TOTAL INSTALL QTY/COST			7	0.1	97	3.1						
TOTAL COST (BP-1100)	2	0.6	75	9.7		3.2	! ! !		! ! !	1 	! ! !	
(TOTALS MAY NOT ADD DUE	TO ROUNDING.)	DING.)										
METHOD OF IMPLEMENTATION:	-	N: INSTALLATION DEPOT/FIELD TEAM	· DEPOT/FI	ELD TEAM	Ġ.	EDITOM G MONTHS	AD TIME	SHILLNOW 9				
•	TOTTI	District August	TION O	•	•							

**
UNCLASSIFIED

(CONTINUED)	TOTAL QTY AMT		76 6.4 2 0.6	0.2	(2) 0.1 (75) 3.1 (1) 0.0	78 3.2	1	
(CON	TO COMP	 						
	TO QTY							
	AMT							3 4 5 15 15
5"	FY-03	İ						FY-97 2 3 25 25 25 25
SYSTE	QTY	! ! !						11 2
FIONING	AMT]] ! !						4
POSI	FY-02	İ						396
NAVSTAR GLOBAL POSITIONING SYSTEM (NUED)	QTY	# # ! !					FY-97 1/97	3/97 FY-96 1 1
O NAVSTAI (CONTINUED)	.01 AMT	 					ING.) FY-96	3 4
.315	FY-01 QFY	 					TO ROUND FY-95	1/96 FY-95 2
FACT SHEET: C-21 MN-PROJECTED FINANCIAL PLAN		RDI&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-95 2 KITS FY-96 75 KITS FY-97 1 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-95 FY-9 CONTRACT-DATE (QTR/FY) 3/95 3/96	DELIVERY-DATE (QTR/FY) INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 036-4

UNCLASSIFIED

		BUDGET ITEM (EXHIBI	ITEM JUSTIFICATION KHIBIT P-40)				DATE FEBRUARY 1997	r 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATIONIBUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	SI	P-1 ITEM NOMENCLATURE: C-22	ATURE: C-22			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$0.650	\$0.375	\$0.276	\$0.187	\$0.191	\$0.195	\$0.093	\$0.090

This line item funds modifications to the C-22B aircraft. The C-22B, a Boeing 727-100, is a three engine medium-range aircraft used by the Air National Guard to airlift cargo and personnel. The major modification budgeted in FY98 is to fund service bulletins necessary for reliability and maintainability, safety, and mission performance. The specific modification budgeted and programmed is below.

CLASS	MOD	~ 1	TION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
Ω ₁	866666	SERVICE BULLE	TINS	0.7	0.4	0.3	0.2	0.5	0.2	0.1			2.1
		CLASS P	TOTAL FOR C-22	0.7	0.4	0.3	0.2	0.2	0.2	0.1	0.1		
TOTAL	COTAL FOR C-22	-22		0.7	0.4	0.3	0.2	0.2	0.2	0.1	0.1		

Totals may not add due to rounding.

Q	UNCLASSIFIED		
) C		ITEM NO. 037	
	PAGE NO.	P-1 SHOPP LIST	

UNCLASSIFIED

		BUDGET ITEN (EXHIB	TEM JUSTIFICATION HIBIT P-40)				DATE FEBRUARY 1997	Y 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	RAFT MODIFICATIONS	SN	P-1 ITEM NOMENCLATURE: C-STOL	ATURE: C-STOL			-
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$0.289	\$0.772	\$0.051					

This line item funds modifications to the C-27 aircraft, commercial equivalent Alenia G222. The two engine C-27 is the only short takeoff and landing (STOL) theater dedicated tactical airlifter. The overall goal of the modification budgeted in FY98 is to fund service bulletins necessary to improve reliability and maintainability, safety, and mission performance. The specific modification budgeted and programmed is below.

	MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 COST	FY-02	FY-03	COST
CLASS	NR	MODIFICATION TITLE									TO GO
م	866666	SERVICE BULLETINS	0.3	0.8	0.1						
	ບ	LASS P TOTAL FOR C-27	0.3	0.8	0.3 0.8 0.1						
TOTAL	TOTAL FOR C-27	7	0.3	0.8	0.1						

9.9

TOTAL PROG.

Totals may not add due to rounding.

Q	UNCLASSIFIE		
A MARIAN CONTRACTOR OF THE CON		1 LIVI 140. 030	
7		ITEM NO 038	
	- NG II NO.	ו ייום דיוסרים וייר	

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	DGET ACTIVITY JREMENT AF/AIRCF	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	SP	P-1 ITEM NOMENCLATURE: C-137	LATURE: C-137		:	
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$15.332	\$5.250	\$2.262					

This line item funds modifications to the C-137 aircraf, commercial equivalent Boeing 707. The C-137 is a four engine aircraft used to airlift the vice-president, cabinet members, members of Congress and functions as backup to the VC-25 presidential aircraft. The major modification budgeted in FY98 is Service Bulletins which is required to maintain FAA certification. The specific modifications budgeted and programmed are below.

	MOD			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02	FY-03	COST	TOTAL
CLASS	NR		MODIFICATION TITLE									TO G0	PROG.
O.	3149T		TRAFFIC ALERT & COLLISON AVOID	3.0	3.4	0.2							9.9
	3150		SLOBAL POSITIONING SYS	7.0	0.7								7.7
	S66666		SERVICE BULLETINS	1.0	9.0	2.1							13.1
	X66666		LOW COST MODIFICATIONS	1.3	0.5								6.2
	288888	REPROGRAMMINGS	MINGS	3.0						1			3.0
		CLASS P	TOTAL FOR C-137	15.3	5.3	2.3							
TOTAL	FOR C-137	-137		15.3	5.3	2.3							

Totals may not add due to rounding.

	UNCLASSIFIED		
		ON MALI	
•	ST PAGE NO.	P-1 SHOPP LIST	

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM MN-3149T MODELS OF AIRCRAFT AFFECTED: C-137, DV AIRCRAFT

CENTER: OC-ALC

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-137 CLASS P

TEAM MOBIL

PE 0401314F

DESCRIPTION/JUSTIFICATION: The Traffic Collision Avoidance System (TCAS) II will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. FAA mandated all transport category aircraft are modified with TCAS. All civilian transport aircraft are modified with TCAS and air traffic control to prevent a possible aircraft mishap. The new commercially available off-the-shelf system to be selected will be an FAA approved TCAS II with mode-S capability installation.

AIRCRAFT BREAKDOWN: Active -- 5 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN							;	i	;	i	
	PRIOR	FY-96			FY-97		FY-98		FY-99		FY-00
	QTY AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS		2	0.5	က	1.2						
KITS NONRECUR			1.0								
EQUI PMENT		(2)	1.5 (3)	1.8						
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
900											
INSTALLATION OF HARDWARE											
FY-96 2 KITS			_	5)	0.2						
FY-97 3 KITS			•	2)	0.2	(1)	0.2				
				1		1 .		! ! !	1		1
TOTAL INSTALL OTY/COST				4	0.4	→	2.0	1	1 1		1
TOTAL COST (BP-1100)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	3.0	3	3.4		0.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY INTRACTOR FACILITY	N: INSTALLATION CONTRACTOR INITIAL LEAD TIME 12 MONTHS	CONTRACTC 12 MONTH	OR FACILITY IS		FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME	12 MONTI	SI			

*** UNCLASSIFIED *** PAGE 039-1

	TOTAL AMT	!	1.7 1.0 3.3		0.2	9.0	9.9		
NUED)			ស		(2)	2	ß		
(CONTINUED)	TO COMP								FY-99 2 3 4 1
	TO QTY								FY-
S SYSTEM	FY-03 AMT								3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A AVOIDANC	FY. QTY					1 1 1 1 1 1			FY-98 1 2 1 1
TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM JED)	FY-02 AMT						FY-99		ъ Ф
FIC ALERT								; ; ;	FY-97
TINI	FY-01 AMT						DING.) FY-97	1/98	3
1-31						1 1	TO ROUN	1/97	FY-96 2
FACT SHEET: C-137 MPPROJECTED FINANCIAL PLAN		RDI&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT FOULTD NONBEC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-96 2 KITS FY-97 3 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-96	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

02/14/97 DATE

FY 1998 PB

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC C-137

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness. The commercial GPS (PY coded) system selected will be FAA certified and integrated with the aircraft navigation systems. TEAM MOBIL PE 0401314F MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-137

AIRCRAFT BREAKDOWN: Active -- 5 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 12 MONTHS AMT FY-98 QTY 0.2 0.2 0.3 0.2 0.7 AMT FY-97 Ĥ QTY 7.0 1.0 1.0 8.0 0.2 AMT INITIAL LEAD TIME -- 12 MONTHS FY-96 4 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT QTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE FY-96 4 KITS 1 KITS PROCUREMENT (3010) KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS RDT&E (3600) SIM/TRAINER FY-97

UNCLASSIFIED ***

PAGE 039-3

FACT SHEET: C-137 MN PROJECTED FINANCIAL PLAN	1-31	50 NAVST (CONTINUED)	AR GLOBA	NAVSTAR GLOBAL POSITIONING SYSTEM (UED)	G SYSTEM			(CONT	(CONTINUED)	
		FY01 AMT	QTY	FY-02 AMT	FY QTY	FY-03 AMT	TO	TO COMP	TOTAL QTY	AL AMT
RDT&E (3600)				!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	i i					1 1 1 1 1
ACCUREMENT (3010) INSTALL KITS KITS NONRECUR ÈQUIPMENT EQUIP NONREC									ß	1.2 1.3
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP										8.0
OCG NSTALLATION OF HARDWARE FY-96 4 KITS FY-97 1 KITS									(4)	0.2
TOTAL INSTALL QTY/COST									1 5	0.4
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	TO ROUNI FY-96	JING.) FY-97	FY	£Υ					κ	7.7
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/97	1/98								
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2	6. 4.	FY-97	3 4	FY-98 1 2 1 1	8 3 1 1 1 1	FY-99 1 2 1 1 1	3 4		

UNCLASSIFIED

		BUDGET ITEM (EXHIB	EM JUSTIFICATION				DATE FEBRUARY 1997	۲۷ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	S	P-1 ITEM NOMENCLATURE: C-141	LATURE: C-141			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$90.588	\$52.323	\$30.705	\$6.832	\$0.781	\$0.822	\$0.916	\$0.892

This line item funds modifications to the C-141 aircraft. The four engine C-141 delivers cargo and troops between strategic theaters of operation. It can carry up to 150 combat troops, 103 litter patients, or 13 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD	MODIFIC	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	A66666	LOW COST	LOW COST SAFETY MODIFICATIONS				0.2	0.8	0.8	6.0	0.9		0.9
		CLASS P-S	CLASS P-S TOTAL FOR C-141				0.2	0.8	0.8	0.9	0.9		
а	13627B		AUTOPILOT/COCKPIT UPGRADE	51.9	31.9	16.3	4.0						173.1
	13652B	FUEL QUA	FUEL QUANTITY INDICATING SYSTE	0.2	0.3	0.7							19.3
	3150	NAVSTAR	NAVSTAR GLOBAL POSITIONING SYS	30.2	16.6	8.6	1.8						58.3
	3455	AIRLIFT	AIRLIFT DEFENSIVE SYSTEMS	3.7	3.6	3.2	0.9						29.3
	6046	L-BAND S	L-BAND SATCOM AND CJTF-C2 COMM	4.5									4.5
	N66666	MISC STR	MISC STRATEGIC ALFT SQDNS MODS			0.2							0.2
	166666	MISC TRA	MISC TRAINER PECULIAR MODS			0.5							0.5
	288888	REPROGRAMMINGS	MMINGS	0.1									0.1
		CLASS P	TOTAL FOR C-141	90.6	52.3	30.7	9.9						
TOTAL	TOTAL FOR C-141	141		90.6	52.3	30.7	6.8	0.8	0.8	6.0	0		

Totals may not add due to rounding.

	P-1 SHOPP LIST	PAGE NO.			
•	ITEM NO. 040				-
		INCLASSIFI			

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MN-13627B MODIFICATION TITLE AND NO: AUTOPILOT/COCKPIT UPGRADE

CLC C-141

TEAM MOBIL

PE 0401118F

MODELS OF AIRCRAFT AFFECTED: C-141B

CENTER: WR-ALC

sub-parts to support the present AWLS. Mod will provide state-of-the-art autopilot with autoland capability, a Ground Collision Avoidance Subsystem, and enhanced instrumentation for display of flight direction, attitude, horizontal situation, altitude, airspeed, and vertical DESCRIPTION/JUSTIFICATION: The all weather landing system as installed in the C-141 aircraft is of the mid-60's technology. Replacement of the AWLS system including the autopilot system is deemed necessary because of nonsupportability. Continual repair & overhaul of AWLS components (LRUs) in the field & at the depot Technical Repair Center (TRC) have resulted in difficulty in finding replacement LRU

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY 4.0 4.0 AMT FY-99 QTY (01) 7.6 16.3 16.3 AMT FY-98 (19) (22) 41 QTY 5.3 3.0 5.3 AMT FY-97 28 10 28) QTY (10) 28.1 3.5 0.7 51.9 0.7 0.7 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM AMT FY-96 33 33 33) 7 1 QTY 3.6 4.6 69.1 AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR 7 7 QTY TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) KITS KITS KITS KITS PROCUREMENT (3010) CONT LIABILITY CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER FLIGHT TEST **EQUIPMENT** SOFTWARE FY-97 FY-92 FY-96 FY-94 DATA RIW

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 25 MONTHS

* UNCLASSIFIED (CONTINUED)

FACT SHEET: C-141 MN-13627B AUTOPILOT/COCKPIT UPGRADE PROJECTED FINANCIAL PLAN (CONTINUED)

																													_			
AMT	i ! ! !	ר	5.6	, ar	4.6	3.1	10.4	15.8	4.1	5.1	14.5	19.2	1.0			0.7	12.9	12.7		26.3	1 .	173.1							11 4			
TOTAL		ç	70	-1											1)	1)	29)	32)			1	63						FY-96	1 2			
TM	•														~	~	~	~			!!!!!!!!!!!								ъ 4			
Ö	•																								FY-99			FY-95	0			
,	,																		•						FY-98 FY-				4 1	•	T	
FY-03 AMT	į																				!				FY-97 FY		2/98	FY-94	2	66	2	10
QTY	i 																		1		1				FY-96 F	2		Ē	ī		- C	
FY-02 AMT	1 1 1 1 1																								FY-95 F	4	4		₄		ω α 4 Γ	12 8
PY	: : : :																		1 1 1		1				FY-94		2/95	FY-93	1 2	FY-98	1 2	
)1 AMT	1 1 1 1 1 1 1																		1		1 1 1 1 1 1 1 1		ING.)	;	FY-93				3		۶ 4 ر	2
FY-01 QTY	1 1 1 1 1																		1		1 1 1 1 1		TO ROUND	;	FY-92	2/93	2/95	FY-92	0	76	N	
	RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	EQII DMENT	CENON OTHER	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	RIW	CONT LIABILITY	SOFTWARE	FLIGHT TEST	INSTALLATION OF HARDWARE	FY-92 1 KITS	FY~94 1 KITS	33	FY-97 28 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES		CONTRACT-DATE (OTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE:	QUARTERS 1	OUTPUT

PAGE 040-2
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-141 CLASS P

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: FUEL QUANTITY INDICATING SYSTEM MN-13652B

DESCRIPTION/JUSTIFICATION: The present fuel quantity indicating system has low reliability and accuracy. The results of a PRAM project indicates an \$8M annual savings in fuels. This mod designed a digital fuel gauge indicator and totalizer. The present system was installed beginning 26 years ago and uses coaxial wiring that has reliability problems and is difficult to maintain. The present system shows an MTBF of 106 hours. The specifications for the new one calls for an MTBF of 5000 hours. Force structure changes account for delta between 125 kits bought and 64 kits being installed. TEAM MOBIL PE 0401118F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: C-141 A/B

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN	AL PLAN										٠		
		PRIOR	OR	FY-96	96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		AMT
RDT&E (3600)		ı											
PROCUREMENT (3010)	•												
INSTALL KITS													
KITS NONRECUR													
EQUI PMENT		124	7.6										
EQUIP NONREC		1	2.2										
CHANGE ORDERS													
DATA			9.0										
SIM/TRAINER			1.0										
SUPPORT-EQUIP					0.2								
INSTALLATION OF HARDWARE	ARDWARE												
FY-91 2 K	ITS ((2)	0.1										
FY-92 63 K	KITS ((54)	4.4			(3)	0.3	(9)	0.7				
FY-93 60 K	KITS ((09)	2.2										
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1	-						1	111111
TOTAL INSTALL QTY/COST	TY/COST	9	6.7			က	0.3	9	0.7				
TOTAL COST (BP-1100)	1100)	125	18.1		0.2		0.3	! ! !	0.7	! ! !	! ! ! !	! ! !	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	ADD DUE	TO ROUND	ING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	MENTATION	N: INSTAI	LLATION	DEPOT									
	ı	NITIAL LE	INITIAL LEAD TIME 18 MONTHS	- 18 MONT	HS	E	OLLOW-ON LE	SAD TIME	FOLLOW-ON LEAD TIME 9 MONTHS				

PAGE 040-3

* * *
ASSIFIED
** UNCL

PAGE 040-4

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 FY 1998 PB

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-141 CLASS P

DESCRIPTION/JUSTIFICATION: Procures integration and installation of navigation equipment to comply with the congressional FY2000 mandate and Air Force Navigation/Safety equipment master baseline. Equipment includes the following principal components: two commercially procured Flight Management Systems with P/X code capability, three commercial-off-the-shelf multi-function control display units, two TEAM MOBIL commercial-off-the-shelf GPS antennas, and one non-developmental data loader subsystem. Aircraft integration meets the intent of FAA PE 0401118F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: C-141B

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 45 ANG -- 18

requirements for GPS enroute navigation and non-precision approach capability.

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN				;		,						
	PRIOR QTY	OR AMT	FY. QTY	FY-96 AMT	FY. QTY	FY-97 AMT	FY. QTY	FY-98 AMT	FY QTY	FY-99 AMT	ey QTY	FY-00 AMT
RDT&E (3600)		0.2	!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		 	! ! !	 	1		1	
PROCUREMENT (3010) INSTALL KITS			;		78	3.0	7.6	ر بر				
KITS NONRECUR			łI	7.5	;		i) 1				
EQUI PMENT			(2)	0.5	(34)	7.6	(21)	0.9				
EQUIP NONREC CHANGE ORDERS												
DATA				2.3		0.4				6.0		
SIM/TRAINER				4.0	(9)	5.1						
SUPPORT-EQUIP				0.2		0.2						
SOFTWARE				14.7								
FLT TEST				0.5								
INSTALLATION OF HARDWARE												
FY-96 2 KITS			(1)	0.3								
FY-97 34 KITS					(1)	0.1	(34)	1.2				
FY-98 27 KITS							(2)	0.1	(25)			
TOTAL INSTALL QTY/COST			.	0.3	1	0.1	36	1.3	25		 	
TOTAL COST (BP-1100)			7	30.2	34	16.6	27	9.6		1.8		
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 8 MONTHS	TO ROUNDI I: INSTAI NITIAL LE	TO ROUNDING.) N: INSTALLATION DEPOT/FIE: INITIAL LEAD TIME 8 MONTHS	DEPOT/FI - 8 MONTH	EELD TEAM IS	FC	TTOM-ON TH	SAD TIME .	FOLLOW-ON LEAD TIME 8 MONTHS				

*** UNCLASSIFIED *** PAGE 040-5

SYSTEM	
GLOBAL POSITIONING	
GLOBAL	
NAVSTAR (NUED)
1-3150	(CONTINUE
Σ	PLAN
C-141	FINANCIAL
FACT SHEET:	ROJECTED F
FAC	PRO

(CONTINUED)

FY-02 QTY AMT QTY
FY-95 FY-96 FY-97 FY-98
1/96 1/97 1 3/96 3/97 3
FY-94 FY-95
FY-99 1 2 3 4 6 6 6 7 6 6 6 7

PAGE 040-6

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

TEAM MOBIL

PE 0401118F

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-141 FY 1998 PB MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455

DESCRIPTION/JUSTIFICATION: The C-141 users have a mission requirement for electronic warfare defensive systems will consist of a missile warning receiver and a flare and chaff dispenser. (C-141, MN 3455 has flare capability only).

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 46 ANG -- 18

CENTER: WR-ALC

MODELS OF AIRCRAFT AFFECTED: C-141B

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN	IL PLAN												
		PRIOR	<u>«</u>	FY-96	9	FY-97	.97	FY~98	96	FY-99	66	FY	FY-00
		QTY	AMT		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	•	!	2.0										
PROCUREMENT (3010)													
INSTALL KITS		43	3.3	19	0.5	11	0.4						
KITS NONRECUR		2	1.4										
EQUI PMENT	<u> </u>	55)	6.5	(19)	2.2								
EQUIP NONREC													
CHANGE ORDERS											0.9		
DATA			0.1										
SIM/TRAINER	~	15)	0.8		0.8								
SUPPORT-EQUIP			3.6		0.2		0.3		0.1				
INSTALLATION OF HARDWARE	RDWARE												
FY-94 22 KI	TS (22)	1.6										
FY-95 23 KI	KITS (2)	9.0			(17)	2.1						
FY-96 19 KI	KITS					(9)	0.7	(13)	1.6				
FY-97 11 KI	KITS							(11)	1.5				
				1				1		1	1	1 1 1	
TOTAL INSTALL QTY/COST		27	2.2			23	2.8	24	3.1	1	1	1	
TOTAL COST (BP-1100)			17.9		3.7		3.6		3.2		0.9		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	ADD DUE T	O ROUNDI	NG.)										
METHOD OF IMPLEMENTATION:	ENTATION:	7	LATION	NSTALLATION DEPOT/FIELD TEAM	LD TEAM								
	NI	ITIAL LE	AD TIME -	INITIAL LEAD TIME 1 MONTHS		G.	TLOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 6 MONTHS				

*** UNCLASSIFIED *** PAGE 040-7

AIRLIFT DEFENSIVE SYSTEMS	
	(CONTINUED)
MN-3455	
ACT SHEET: C-141	PROJECTED FINANCIAL PLAN

(CONTINUED)

TOTAL AMT	1	4	1.4	8.7		6.0	0.1	1.6	4.3		1.6	2.7	2.3	1.5		8.1		29.3									
TOT QTY	\$ \$ \$ \$	73	. ~								(22)	(22)	(19)	(11)		74	1 1	75									
TO COMP	 														111111111111111111111111111111111111111					FY-98	1 0	1/98	3/98	86	9	9	9
TO QTY															-		1			FY-97		1/8/	4/97	FY-98	1 2	9	9
13 AMT	!																			FY-96		4/96	3/97		3 4	6 5	9
FY-03 QTY	!																			FY-95		4/96	1/97	FY-97	7	9	9
AMT	 -																			FY-94	1 6	2/95	2/95		4	v	•
FY-02																				FY-93				FY-96	2 3		
QTY																				FY-92				FY	1		
01 AMT																			ING.)	FY-91	1				3 4	3 23	3 23
FY-01 QTY	! ! !																		TO ROUND	FY-90				FY-95	2	1	-
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY-94 22 KITS	FY-95 23 KITS	FY-96 19 KITS	FY-97 11 KITS		TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	OUTPUT

PAGE 040-8

DATE 02/14/97

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

MODELS OF AIRCRAFT AFFECTED: C-141

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: L-BAND SATCOM AND CJTF-C2 COMM UPGRADE MN-6046

CENTER: WR-ALC

CLASS P CLC C-141 TEAM MOBIL

PE 0401118F

capability is needed to provide increased operational effectiveness for critical Command and Control communications and precision navigation for strategic and tactical airlift/airdrop missions.

AIRCRAFT BREAKDOWN: Active -- 61 RES -- 45 ANG -- 18 DESCRIPTION/JUSTIFICATION: Installs a dual purpose SATCOM/GPS antenna to support the use of a portable commercial L-Band SATCOM. The

DEVELOPMENT STATUS: N/A.

QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

AMT

FY-00

RDT&E (3600)

0.1 3.6 124 (124) PROCUREMENT (3010) KITS NONRECUR SUPPORT-EQUIP CHANGE ORDERS INSTALL KITS EQUIP NONREC SIM/TRAINER **EQUIPMENT** DATA

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM 0.8 8.0 124 124 (124) TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) FY-96 124

INSTALLATION OF HARDWARE

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

*** UNCLASSIFIED *** PAGE 040-9

528

**	
UNCLASSIFIED	
**	

	TOTAL AMT	: :	0.1	3.6		0.8	0.8	4.5		
NUED)	TOT QTY	1	124			(124)	124	124		
(CONTINUED)	TO COMP	 						 		
	TO QTY						! ! !	; ;		
RADE	FY-03 AMT	1 1 1 1			,		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
COMM UPG	FY QTY						!	 		
L-BAND SATCOM AND CJTF-C2 COMM UPGRADE NUED)	FY-02 AMT									
SATCOM A	F) QTY							!		
46 L-BAND (CONTINUED)	FY-01 AMT	!						DING.)		3 4 124 124
09-	FY QTY	!						TO ROUN	FY-96 2/96	FY-96
FACT SHEET: C-141 MN PROJECTED FINANCIAL PLAN		RDI&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA STM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-96 124 KITS	Li Li	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	CONTRACT-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 040-10 *** UNCLASSIFIED ***

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICA	RAFT MODIFICATIONS	NS	P-1 ITEM NOMENCLATURE: T-1	LATURE: T-1			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$5.594	\$7.323	\$6.974	\$8.019	\$0.010			

This line item funds modifications to the T-1A aircraft. The T-1A is a missionized Beech 400A used in the Airlift/Tanker track of USAF Specialized Undergraduate Pilot Training (SUPT) for Air Education and Training Command (AETC). It is powered by two Pratt and Whitney JT15D-5 turbofan engines mounted on the aft fuselage producing 2,900 pounds of thrust each. Avionics include UHF and VHF radios, INS, TACAN, ADF, and two VOR/ILS. The overall goal of the modification budgeted in FY98 is to enhance operational capability through the addition of Global Positioning System. The specific modification budgeted and programmed is below.

TOTAL PROG.	27.9		
COST TO GO			
FY-03	1		
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03			
FY-01		•	
FY-00			
FY-99		8.0	8.0
FY-98	7.0	7.0	7.0
FY-97	7.3	7.3	7.3
FY-96	5.6	5.6	5.6
	NAVSTAR GLOBAL POSITIONING SYS	CLASS P TOTAL FOR T-1	1
MOD	3150		FOR T-1
CLASS	Ь		TOTA

Totals may not add due to rounding.

P-1 SHOPP LIST PAGE NO. ITEM NO. 041

550

UNCLASSIFIED

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: T-1

CENTER: ASC

TEAM PERSO PE 0804741F

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. The system is composed of three segments: user equipment, satellites, and a control network. Satellites broadcast velocity and provide steering vectors to target locations. Control segment updates daily the navigation messages broadcast from the satellites.

AIRCRAFT BREAKDOWN: Active -- 180 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

AMT FY-00 OTY AMT FY-99 OTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

35) 8.0 0.1 9.9 0.7 0.2 0.5 35 35 18) 54) 0.4 0.4 5.7 0.7 0.7 7.0 72 54) 54 72 7.3 6.9 0.4 72 72 ₽ 5.6 1.3 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT (TOTALS MAY NOT ADD DUE TO ROUNDING.) INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) KITS KITS KITS KITS PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC 1 72 72 35 SIM/TRAINER **EQUI PMENT** FY-96 FY-97 FY-98 FY-99 ၁၉၀

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

(CONTINUED)	FY-03 TO COMP TOTAL AMT QTY AMT QTY AMT		179 19.2 1 1.5	1.3	0.4		180			98 FY-99 FY-00 3 4 1 2 3 4 1 2 3 4 1 18 18 18 18 18 18 19 17
SYSTEM	P	!						00	:	FY-98 1 2 18
ONING	AMT	 						щ		7 1
POSITI	FY-02	1						FY	2/99	FY-97 2 3
NAVSTAR GLOBAL POSITIONING SYSTEM :INUED)	QTY							FY-98	2/98	1 2
NAVSTAR (CONTINUED)	FY-01 AMT	1						JING.) FY-97	2/97	3
3150	FY- QTY	1						TO ROUNI FY-96	4/96	FY-96 2
FACT SHEET: T-1 MN-: PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SIPPORT-EQUIP	250	INSTALLATION OF HARDWARE FY-96 1 KITS FY-97 72 KITS FY-98 72 KITS FY-99 35 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-96	CONTRACT-DATE (QTR/FY) DELLUERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT

UNCLASSIFIED

		BUDGET ITEI (EXHIE	EM JUSTIFICATION IBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	RAFT MODIFICATIO	NS NS	P-1 ITEM NOMENO	P-1 ITEM NOMENCLATURE: T-3 (EFS) AIRCRAFT	AIRCRAFT		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$0.076	\$0.148	\$0.100	\$0.09	\$0.099	\$0.09		

The T-3 is a single engine, propeller driven, two seat (side-by-side), trainer used by AETC as a flight screener for Undergraduate Pilot Training. The overall goal of the modification budgeted in the FY98 is to enhance flight safety while improving reliability and maintainability. The specific modification budgeted and programmed is below.

TOTAL PROG.	9.0		
COST TO GO	:		
FY-02 FY-03			
FY-01	0.1	0.1	0.1
FY-00	0.1	0.1	0.1
FY-99	0.1	0.1	0.1
FY-98	0.1	0.1	0.1
16 FY-97	0.1	0.1	0.1
FY-96	0.1	0.1	0.1
MODIFICATION TITLE	LOW COST SAFETY MODIFICATIONS	MASS P TOTAL FOR T-3	
MOD	99999A	ដ	FOTAL FOR T-3
CLASS	۵		TOTAL

Totals may not add due to rounding.

	<u> </u>	
7.7 7	ر ب	
o o		
ž		
봈		
PAGE		
ST PAGE		
PLIST PAGE	042	
SHOPP LIST PAGE	I NO. 042	
P-1 SHOPP LIST PAGE NO.	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	
P-1 SHOPP LIST PAGE	ITEM NO. 042	

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	ጓ ሃ 1997
APPROPRIATION/BUDGET ACTIVITY AF/A AIRCRAFT PROCUREMENT AF/A	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	NS.	P-1 ITEM NOMENCLATURE: T-38	LATURE: T-38			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$2.500	\$9.349	\$14.806	\$55.132	\$103.285	\$96.201	\$91.757	\$110.523
and the second s	***************************************		1	•				

The T-38 is a twin engine, two seat (tandem), supersonic jet trainer used by Air Education Training Command as an advanced trainer in Undergraduate Pilot Training. The overall goal of the modifications budgeted and programmed are below.

MOD CLASS NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
10206A	FUS STA 325 BULKHEAD FORMER CH	1.2	3.8	6.3	17.0						56.4
99A	LOW COST SAFETY MODIFICATIONS	0.1	5.6	2.0	0.1		0.1	0.1			9.6
J	CLASS P-S TOTAL FOR T-38	1.3	9.3	14.8	17.1		0.1	0.1	•		
15201B	STAGE II COMPRESSOR BLADE (PC)	0.8			0	6	1 30			7	5.2
6029 288888	AVIONICS UPGRADE REPROGRAMMINGS	0.4			38.0		1.06	91.1			0.5
Ü	CLASS P TOTAL FOR T-38	1.2			38.0	99.1	96.1	91.7	110.4	40.7	
TOTAL FOR T-38	8	2.5	9.3	14.8	55.1	103.3	96.2	91.8	110.5	40.7	

Totals may not add due to rounding.

UNCLASSIFIED		
 PAGE NO.	P-1 SHOPP LIST ITEM NO. 043	

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: FUS STA 325 BULKHEAD FORMER CHANGEOUT MN-10206A

DESCRIPTION/JUSTIFICATION: Aircraft is developing cracks in six locations on the 325 former. Repairs only retard crack growth. Data indicates crack growth will be beyond safety limits. Stress corrosion cracking is unpredictable.

AIRCRAFT BREAKDOWN: Active -- 456 RES -- 0 ANG -- 0 TEAM PERSO PE 0804741F CIC T-38 CENTER: SA-ALC MODELS OF AIRCRAFT AFFECTED: T-38

DEVELOPMENT STATUS: Complete.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QŢŸ AMT PRIOR QTY PROJECTED FINANCIAL PLAN

57 10.2 399 PROCUREMENT (3010) KITS NONRECUR EQUIPMENT EQUIP NONREC INSTALL KITS RDT&E (3600)

20 20) 17.4 17.4 166 (166) SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-93 166 KITS TOTAL INSTALL QTY/COST KITS KITS KITS CHANGE ORDERS 32 SIM/TRAINER 201 FY-94 FY-96 FY-95

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

TOTAL COST (BP-1100) 399 27 (TOTALS MAY NOT ADD DUE TO ROUNDING.)

1.2

57

27.6

1.3

17) 32) 57)

17.0

(134)

6.3

4.2

106

17.0 17.0

134

6.3 6.3

> *** UNCLASSIFIED *** PAGE 043-1

	TOTAL AMT		11.5		17.4	23.4	1.3	2.8	44.9	56.4			FY-97	2 3 4 18 18 18	18				
IUED)	TO QTY		456		166)	201)	32)	57)	456	456			FY	1 17 1	13 1				
(CONTINUED)		!			Ū	Ŭ	_	Ŭ	1	!				13	13		4		
Ö	OMP AMT								 		FY-01		9	3	13	.	က		
	TO COMP	ļ							!	!	<u> </u>		FY-96	13	13	FY-01	7		
	QTY										FY-00			13	2		-	•	4
	AMT								:		FY-99			4 2	1		4	4.	34
COUT	FY-03													6 4		_	33	34	34
CHANGE	FY- QTY										FY-98		FY-95	7		FY-00	7	34	34
WER	a	•							!	!	FY-97			1				34	34
D FOI	AMT	! ! !							! ! !] 	FY-			4			4	34	34
FUS STA 325 BULKHEAD FORMER CHANGEOUT [ED]	FY-02 A								!		FY-96	1/96 1/97	•	m		6	က	34	25
125 B	F QTY									! ! !	ر ا		FY-94	2		FY-99	7	33	33
STA 3	ŭ	;									FY-95	3/95 4/96		7			-	33	23
FUS UED)	AMT									ING.)	FY-94	2/94 3/95		4			4	23	23
OGA FUS (CONTINUED)	FY-01									DNIG	FY	3/		3			e	23	22
-102	F. QTY									ro Roun	FY-93	2/93 3/94	FY-93	7		FY-98	8	22	22
FACT SHEET: T-38 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	FY-93 166 KITS	FY-94 201 KITS	FY-95 32 KITS	FY-96 57 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	Odeo Control	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	OUTPUT	INSTALLATION SCHEDULE:		INPUT 22	OUTPUT 18

PAGE 043-2

02/14/97 DATE

FY 1998 PB

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

MN-14207B

COCKPIT ENCLOSURE (PC)

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: T-38

CLASS P-S CLC T-38

is also being found around the canopy hook slots and longeron splice. The critical nature of the structural components limits the type and number of authorized repairs before loss of structural integrity leading to catastrophic failure of structural components and/or loss of personnel. This modification will redesign and strengthen the aging structural components, incorporate a new canopy latching system, and strengthen other structurally related areas/components. DESCRIPTION/JUSTIFICATION: Fatigue cracks combined with corrosion are being found in the cockpit longeron at an increasing rate. The damage TEAM PERSO PE 0804741F CENTER: SA-ALC MODIFICATION TITLE AND NO:

AIRCRAFT BREAKDOWN: Active -- 454 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

0.2 454 PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS INSTALL KITS EQUIP NONREC EQUIPMENT

17.3 20.4 2.3 0.8 (125) (207) (19) INSTALLATION OF HARDWARE KITS KITS KITS SIM/TRAINER SUPPORT-EQUIP TOOLING 23 125 207 19 FY-90 FY-92 FY-91 FY-93

42.2 374 TOTAL INSTALL QTY/COST KITS 67 13 FY-95 FY-94

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

56.5

454

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 24 MONTHS

6.5

3.8 3.8

30

1.7

37) 13)

3.8

30)

*** UNCLASSIFIED *** PAGE 043-3

, 57

	TOTAL AMT		12.9	0.0	2.2	17.3	2.3	1.7	52.5	66.8		FY-94 2 3 4 23 23 22 23 23 23	FY-99 4 2 3 4
UED)	T QTY		454		23)	125)	19)	13)	454	454	1	1 23 38	1 F
(CONTINUED)					~						 	4 38 20	4 12 12
Ö	TO COMP									FY-98	1	33 33 33	3 12 13
	TO (QTY	[;		FY-97	<u> </u>	FY-93 2 3	FY-98 2 13 13
	5							į		FY-		1 1 2	1 13 15
	AMT									FY-96		4.0	4 15 15
	FY-03											3	7 3 15 15
	ey Qty		•					į		FY-95	1/95	FY-92 2	FY-97 2 15 15
	a	1						ŀ	¦ ;		1/94 1/96	1	1 15 14
(PC)	AMT	!								FY	22	4	4 14 13
SURE	FY-02	İ								FY-93	1/93	m	3 13 12
SNCFO	e) Qey	!										FY-91 2	FY-96 2 12 12
COCKPIT ENCLOSURE (PC)	ŭ	i						i	i i	FY-	1/92	Ħ	1 12 34
COCF	AMT									NG.) FY-91	3/91 3/93	4	34 35
(CONTINUED)	FY-01									NDING FY	3,3,1	ю	35 35
142	F QTY									TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) AILESTONES FY-90 FY-9	3/90	FY-90 2	FY-95 2 35 34
FACT SHEET: T-38 MN- PROJECTED FINANCIAL PLAN					WARE				COST	o) D due	/FY) /FY)	ULE: 1	ULE: 1 34 22
T-38 ANCIA			10)			KITS	KITS	KITS	QTY/	P-110 OT AD	(QTR (QTR	SCHED AS JT	SCHED AS JT JT
ST: D FIN		(009	r (30 KITS RECUR F	RDERS VER SQUIP	N OF 23	125 207	19	13	STALL	ST (B) AAY NO	-DATE	ATION SCI QUARTERS INPUT OUTPUT	ATION SCI QUARTERS INPUT OUTPUT
FACT SHEET: T-38 PROJECTED FINANCI		RDT&E (3600)	OCUREMENT (30 INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP TOOLING	ILATIO			32	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 22
FAC		RDT	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANG DATA SIM/T SUPPO TOOLI	INSTALLATION OF FY-90 23	FY-91 FY-92	FY-93	FY-95	TOT	TOT? (TO) MILE	CONT	INSI	INSI

PAGE 043-4

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

T-38 MODELS OF AIRCRAFT AFFECTED:

MODIFICATION TITLE AND NO: AVIONICS UPGRADE

02/14/97

DATE

FY 1998 PB

CENTER: SA-ALC

MN-6029

TEAM PERSO 0804741F ÞΕ

train standard avionics and cockpit management skills. Current installed avionics have low reliability and maintainability rates. Finally there is a requirement to install GPS on the A/T-38 to permit operations in the national airspace. The upgrade will include a HUD, GPS/INS and a glass cockpit resembling current and proposed bomber and fighter aircraft, eliminating the current training deficiencies. Simulators will be updated for a complete training system. Current bomber and fighter aircraft employ highly complex avionics which are not available in the A/T-38. This causes an inability to Significant advances in avionics systems technologies have occurred since the A/T-38 entered service in 1962. DESCRIPTION/JUSTIFICATION:

AIRCRAFT BREAKDOWN: Active -- 425 RES -- 0 ANG -- 0

lineproofing; conduct ATD design reviews; start ATD CLS and Training Software Support Center site assessments; start ATD testing. contractor testing; complete integration first flight; conduct DT&E/IOT&E; perform production planning; perform manufacturing DEVELOPMENT STATUS: FY 98 - Continue EMD phase; start and complete modification of EMD aircraft numbers one and two; complete

PROJECTED FINANCIAL PLAN		PRIOR	FY-96		FY-97		FY-98			FY-99	FY-00	00
	OTY	AMT	Z.Z	AMT	Z.I.Z	AMI	OII.	AMI	ZIZ -	HM1	117	AMI
RDT&E (3600)				14.9		22.9		16.9		8.9		1.6
PROCUREMENT (3010)									ų.	Ċ	G	u
INSTALL KITS KITS NONRECUR									43	7.7	06	o. T
EQUIPMENT									(45)	33.0	(06)	69.3
EQUIP NONREC												
CHANGE ORDERS												10.0
DATA												8.0
SIM/TRAINER										2.8	,	9.4
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 45 KITS											(45)	5.0
FY-00 90 KITS												
90												
FY-02 90 KITS												
FY-04 20 KITS												
	1	111111	1 1 1	1	! ! !	1 1 1			,	1 1 1 1 1 1 1 1 1	1	
TOTAL INSTALL QTY/COST											45	5.0
TOTAL COST (BP-1100)	; - - -	l : : : : : : :	1	 					45	38.0	06	99.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)	TOGAG									
METHOD OF THE PENEMANTALIO	INITIAL I	LEAD TIME 12 MONTHS	- 12 MONT	HS	FO	FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME -	- 12 MONTH	S			

* *** UNCLASSIFIED

				22.6	340.3	10.3	15.4	37.5		0.	10.1	.4	10.7	11.0	2.5	49.8	6.				4	22	*	r	
		AMT		22	340	10	15	37		S)	10	10	30	Ξ	7	49	475.9					22	r	า	
	TOTAL			ស						_	_	_	_	_	_	ı r	ı ıs				FY-00 2	1	FY-05	4	20
(UED)		OTY		425						45)	606	8	606	606	20)	425	425		95		-	~ 1	•	20	21
(CONTINUED)		;		1.1	17.3	0.3	3.1	۳.		Ū	_	_	_	11.0 (2.5	13.6	.7		FY-05		4		•	21	23
0)	OMP	AMT		н	17	0	С	S						11	2	13	40.7		FY-04		en C				23
	TO COMP			20	_									_	_ '						FY-99 2		FY-04	23	23
		QTY		7	(20)									(06)	(20)	110	20		FY-03	1/03	-			23	
		AMT		5.0	75.7		5.2	3.7					10.7			10.7	110.4		FY-02	1/02	4		•	21	23
	03	Æ											_			1	11		F	77	3		r	23	23
	FY-03	OTY		06	(06								(06			06	06		FY-01	1/01	FY-98 2		FY-03	23	23
		a i			J								<u> </u>		į		İ		00	O H	н		-	23	23
		AMT		4.9	73.5		1.3	1.5				10.4				10.4	91.7		FY-00	1/00	4		•	23	23
	FY-02	7																	FY-99	1/99	ო			23	22
AVIONICS UPGRADE INUED)	FY	QTY		06	(06							90)				06	90			ਜਜ	FY-97 2		FY-02	72	22
S UP		Ö i			_							_							FY-98		, H		_	7 2 7	23
IONIC ED)		AMT		4.7	71.4		5.1	4.8			10.1				1	10.1	96.1				4				23
9 AVION (CONTINUED)	01	Æ.			-						_					10.1	6 243		FY-97		m				
e (CON	FY-01			06	_						_						, ס ק		96						22
MN-6029 AN (C		OTY		σ.	(06						90)				1	06	90	2	FY-96		FY-96 2		FY-01	22	22
I.									WARE	•			••	•		TOTAL INSTALL QTY/COST	OTAL COST (BP-1100) 90 90 90	a north		(/FY) (/FY)	ULE:		ULE:	22	22
T-38 JANCIA				10)					HARI	KITS	KITS	KITS	KITS	KITS	KITS	QTY,	P-11(d		(OTF	SCHEI	55	SCHED	9 5	: E
ST: O FIN			(009	(30)	RECOR	TREC EDERS		JER.	COUIP NOF	45	8	90	90	90	20	TALL	T. (B	i i		DATE	ATION SCI QUARTERS	INPUT	ATION SCI	INPUT	OUTPUT
FACT SHEET: PROJECTED FI			RDT&E (3600)	OCUREMENT (3)	KITS NONRECUR	EQUIP NONREC CHANGE ORDERS		SIM/TRAINER	SUPPORT-EQUIP STALLATION OF	6	0	_	2	<u>س</u>	4	L INS	TOTAL COST (BP-1100)	MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS		INSTALLATION SCHEDULE:	Š	
FACT			RDT	PROCUREMENT (3010) INSTALL KITS	EQUI	CHAN	DATA	SIM/	SUPPORT-EQUIP INSTALLATION OF HARDWARE	FY-99	£Y-00	FY-01	FY-02	FY-03	FY-04	TOTA	TOTA	MILE		CONT	INST		INST		

PAGE 043-6

UNCLASSIFIED

		BUDGET ITEM (EXHIBI	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	tY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	S	P-1 ITEM NOMENC	P-1 ITEM NOMENCLATURE: T-41 AIRCRAFT	RAFT		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$0.025	\$0.024	\$0.100	\$0.099	660.0\$	660.0\$	\$0.100	\$0.100

The T-41 is a military derivative of the civilian Cessna 172, a four seat, propeller driven, light aircraft used by USAFA in support of the aeronautical engineering course curriculum. The overall goal of the modification budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modification budgeted and programmed is below.

COST	TO GO			
FY-03		0.1	0.1	0.1
FY-02		0.1	0.1	0.1
FY-01		0.1	0.1	6
FY-00		0.1	0.1	[
FY-99			0.1	
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03		0.1	0.1	0.1
FY-97				
FY-96				
	ICATION TITLE	LOW COST MODIFICATIONS	TOTAL FOR T-41	
			CLASS P	_
MOD	NR	X66666	J	OTAL FOR T-41
	CLASS			TOTAL

TOTAL PROG.

Totals may not add due to rounding.

	HINGI ASSIFIE		
1 h C		ITEM NO. 044	
	PAGE NO.	-1 SHOPP LIST	

UNCLASSIFIED

	Andrea and Andrea and	BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY IRCRAFT MODIFICATIONS	AFT MODIFICATION	Sh	P-1 ITEM NOMENCLATURE: T-43	LATURE: T-43			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$11.683	\$6.600	\$10.256	\$2.318	\$0.789	\$0.098	\$0.365	\$0.366

The T-43 is a military derivative of the Boeing 737 used by AETC as an airborne training platform in Undergraduate Navigator Training. The major modifications budgeted in FY98 are the Global Positioning System (GPS), the Traffic Alert & Collision Avoidance System (TCAS), and the Fight Data Recorder/Cockpit Voice Recorder (FDR/CVR). The specific modifications budgeted and programmed are below.

	MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	TSOS	TOTAL.
CLASS	NR	MODIFICATION TITLE) 	; ;			TO GO	PROG.
۵	3149F	FLIGHT DATA RECORDER & COCKPIT	1.9	0.3	1.4	2.3	0.7					6.4
	3149T			9.0	1.2							5.5
	3150	NAVSTAR GLOBAL POSITIONING SYS		5.5	3.5							11.6
	9605											4.0
	866666	SERVICE BULLETINS	1.8		0.1				0.4	0.4		8.7
	X66666	LOW COST MODIFICATIONS				0.1	0.1	0.1				1.8
	888882	REPROGRAMMINGS	3.7									4.0
		CLASS P TOTAL FOR T-43	11.7	9.9	10.3	2.3	0.8	0.1	0.4	0.4		
TOTAL	TOTAL FOR T-43	43	11.7	9.9	10.3	2.3	0.8	0.1	0.4	0.4		

Totals may not add due to rounding.

542	
PAGE NO.	UNCLASSIFIED
P-1 SHOPP LIST ITEM NO. 045	

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC T-43 CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrades for aircraft designated for Distinguished Visitor (DV) missions and Operational Support Airlift (OSA) aircraft. The Flight Data Recorder and the Cockpit Voice Recorder will provide a valuable aid in providing post-mishap information concerning the pre-mishap pilot actions and aircraft system TEAM PERSO PE 0804742F MODIFICATION TITLE AND NO: FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER MN-3149F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: CT-43, DV AIRCRAFT

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	i d		20	V	i i	EV-07	Š	FV - 08	ρV	FV-99	Ψ.	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-				!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1 1 1		1		1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					-	0.1	m	0.4	ស	9.0		0.1
KITS NONRECUR			1)	6.0								
EQUIPMENT					(1)	0.1	(6	0.4	(2)	9.0	(1)	0.1
EQUIP NONREC			(1)	6.0								
CHANGE ORDERS												
DATA								0.2		0.7		0.2
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS							1)	0.1				
က							(ε 3)	0.3				
FY-99 5 KITS									3)	0.3	(2)	0.5
-											1)	0.1
	1		1	1	1	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1	!	
TOTAL INSTALL QTY/COST							4	0.4	က	0.3	က	0.3
TOTAL COST (BP-1100)	1	1	 	1.9	1	0.3	3	1.4	2	2.3	1	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNDI	NG.)										
METHOD OF IMPLEMENTATION: INSTALLATION CLS	N: INSTAL	LATION	- CIS									
	INITIAL LEAD TIME 9 MONTHS	AD TIME .	TNOM 6	S	Ā	T NO-MOTIC	EAD TIME	FOLLOW-ON LEAD TIME 3 MONTHS	ß			

*** UNCLASSIFIED *** PAGE 045-1

(CONTINUED)	
FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER	INUED)
MN-3149F	PLAN (CON
FACT SHEET: T-43	PROJECTED FINANCIAL PLAN

	•	707		F 1 - 02		FY~03	20	2.	TO COMP). [TOTAL	
	QTY	AMT	QTY		AMT	QTY	AMT	QTY	AMT		QTY	AMT	
RDT&E (3600)				1		!						1	!
PROCUREMENT (3010)													
INSTALL KITS											10	-	1.3
KITS NONRECUR												U	6.0
EQUIPMENT												_	1.3
EQUIP NONREC												U	6.0
CHANGE ORDERS													
DATA												-	1.1
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-97 1 KITS										~	1)	J	0.1
FY-98 3 KITS										_	3)	J	۳.
FY-99 5 KITS										_	5)	O	0.5
FY-00 1 KITS										~	1)	Ç	0.1
HOOCH AND ANNUAL AND H	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1				1 1 1 1 1 1 1 1 1				1 6		; <
TOTAL INSTALL OIT/COST	!										0.7	7	D . I
TOTAL COST (BP-1100)											10	9	6.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	DING.)											
	FY-96	FY-97	FY-98	FY-99	FY-00								
	1				1 0								
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	4/96 3/97	4/9/ 1/98	1/99	1/00	1/00								
INSTALLATION SCHEDULE:	FY-96		FY-97	97		FY-98		FY	FY-99		FY	FY-00	
QUARTERS 1	2	3 4	1 2	т	4 1	~ .	ю. 4.	H	. 3	4,	⊷.	2 3	4
TOWNT						⊣ ↔	1 1			- - -			

MODIFICATION OF AIRCRAFT

DATE 02/14/97 FY 1998 PB

FY 1998 PROGRAM

MODELS OF AIRCRAFT AFFECTED: CT-43, DV AIRCRAFT

PE 0804742F

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE TEAM PERSO CENTER: OC-ALC MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM MN-3149T

DESCRIPTION/JUSTIFICATION: The modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrade for aircraft designated for distinguished vistor (DV) passenger missions and Operational Support Airlift (OSA) aircraft. Traffic Collision Avoidance System (TCAS) will provide a display for inbound aircraft traffic and provide both visual display corrective action and audible warning. This modification will install TCAS II/MODE S on 2 T-43 aircraft and 1 CT-43 aircraft. Two prototypes will be required due to the different avionics equipment and cockpit layout on T-43s and CT-43s.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN				:		;	i	;	i	•	i	ć.
	PI QTY	PRIOR	FY. QTY	FY-96 AMT	FY-97 QTY	97 AMT	OTY OTY	FY-98 AMT	ey. QTY	FY-99 AMT	ey OTY	FY-UU AMT
	1			1	-		:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			!	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS								0.4				
KITS NONRECUR			2	1.8								
EQUI PMENT							(1)	0.4				
EQUIP NONREC			(2)	1.8								
CHANGE ORDERS												
DATA				0.2		9.0						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 2 KITS							(2)	0.3				
FY-98 1 KITS							(1)	0.2				
		1 1 1 1		1 1 1 1 1 1	1							1
TOTAL INSTALL QTY/COST							က	0.5				
	1		1	1 1 1 1 1 1	1		1		1	1	1	1 1 1 1
TOTAL COST (BP-1100)			7	3.7		9.0	7	1.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CLS	N: INS.	TALLATION	· CLS									
I	INITIAL	INITIAL LEAD TIME 13 MONTHS	13 MON	THS	FO	TOM-ON TE	AD TIME	FOLLOW-ON LEAD TIME 3 MONTHS				

	TOTAL AMT	8 8 6 6 6 8	0.4 1.8 0.4	1.8	0.3	0.5	5.5		
(CONTINUED)	T QTY	!	1 2		(2)	3	m m		
(CONT.	TO COMP	! ! ! ! !							
	TO QTY	[
EM	AMT								4
TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM UUED)	FY-03	! ! !							9 7 7
DANCE	ey Qty	1 1 1							FY-98
AVOI	a	t i							7 7 7
NOSIT	AMT	! ! !							4
COL	FY-02	i ! !							ю
ERT 6	FY QTY	!						ω ı	FY-97 2
ic ai	O.	•						FY-98 2/98 3/98	H
TRAFF UED)	AMT						-	FY-97	4
NTIN	FY-01						DING		e
-314	PTQ						TO ROUN	FY-96 4/96 1/98	FY-96 2
FACT SHEET: T-43 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIF NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-96 2 KITS FY-98 1 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 045-4

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: T-43

CENTER: OC-ALC

TEAM PERSO PE 0804742F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC $\,$ T-43 $\,$ CLASS $\,$ P MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

DESCRIPTION/JUSTIFICATION: This modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrades for aircraft designed for Distinguished Visitor (DV) passenger missions and Operational Support Airlift (OSA) aircraft. This modification will install dual Litton 410 flight management systems and Trimble GPS receivers and antennas. This modification is applicable to all T/.CT43 aircraft. Two prototypes will be required due to the different avionics equipment and cockpit layout on T-43s and CT-43s.

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN												:
	Ы	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	Œ	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1	1		1	1 1 1 1	1	1 1	1 1 1 1 1 1	1	1	! ! !	! ! ! !
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					6	2.0						
KITS NONRECUR	(2)	1:3										
EQUI PMENT					(6)	2.1						
EQUIP NONREC	(2)	0.7										
CHANGE ORDERS												
DATA				9.0		1.4		2.1				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 9 KITS							(6)	1.4				
	1	111111111111111111111111111111111111111	1	1		:			1	;	1	1
TOTAL INSTALL QTY/COST							6	1.4				
	-	1 1 1 1 1	1	1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1	!	1	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1
TOTAL COST (BP-1100)		2.0		9.0	6	5.5		3.5				
(TOTALS MAY NOT ADD DUE TO	TO ROU	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION CLS	. CLS									
	INITIAL	INITIAL LEAD TIME 13 MONTHS	- 13 MON	THS	ΙΞij	OFFOM-ON FI	SAD TIME	FOLLOW-ON LEAD TIME 10 MONTHS	IS			

*** UNCLASSIFIED *** PAGE 045-5

	TOTAL AMT	P C F L L L L L L L L L L L L L L L L L L	2.0 1.3 2.1 0.7	1. 4.1	1.4	11.6		
NUED)	TO QTY	1 1 1 1	თ	(6	6	6		
(CONTINUED)	AMT							6 6 6 6 4
	ο Ο				•	•		FY-98 2 3
	T QTY	1						H & &
	AMT							4
	FY-03	-						FY-97 2 3
YSTEM	I QTY							FY-
NING S	F-r	ļ						4
POSITION	FY-02 AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				FY-98	 	3
NAVSTAR GLOBAL POSITIONING SYSTEM NUED)		!					2/97 1/98	FY-96
0 NAVSTAR (CONTINUED)	FY-01 AMT				3 3 1 1 2 1	DING.) FY-96		4
-315	FY. QTY					TO ROUN	2/96 2/97	FY-95 2
FACT SHEET: T-43 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 9 KITS	INSTALL	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-95 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

02/14/97

DATE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC T-43

EXHIBIT P3A CONGRESSIONAL

TEAM PERSO DESCRIFTION/JUSTIFICATION: Design/procure/nstall/test and provide data for multichannel Inmarsat and Milsat communications upgrades to US PE 0804742F CENTER: OC-ALC MODIFICATION TITLE AND NO: INMARSAT AND SATCOM UPGRADE MN-9605 MODELS OF AIRCRAFT AFFECTED: CT-43

CINCSOUTH aircraft.
AIRCRAFT BREAKDOWN: Active -- 1 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

AMT FY-00 OTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR OTY PROJECTED FINANCIAL PLAN RDT&E (3600)

0.5 PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

1.2 EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

0.3

1.0 1.0

4.0 TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) TOTAL INSTALL QTY/COST

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS
INITIAL LEAD TIME -- 3 MONTHS

INSTALLATION OF HARDWARE

FY-98

SUPPORT-EQUIP

SIM/TRAINER

FOLLOW-ON LEAD TIME -- 0 MONTHS

*** UNCLASSIFIED *** PAGE 045-7

	AL AMT		0.5 1.0 1.2	0.3	1.0	1.0	4.0		
(CONTINUED)	TOTAL		ı		(1)	1 1	1		
(CONT)	TO COMP								
	TO OTY								
	03 AMT								E I I
	FY-03 QTY								FY-98
om upgrade)2 AMT								£
INMARSAT AND SATCOM UPGRADE INUED)	FY-02 QTY						FY-98	2/98 3/98	FY-97
5 INMARSAT (CONTINUED)	01 AMT						7		3
096-	FY-01 QTY						TO ROUND		FY-96 2
FACT SHEET: T-43 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-98 1 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

UNCLASSIFIED

		BUDGET ITEM (EXHIB	FEM JUSTIFICATION HIBIT P-40)				DATE FEBRUARY 1997	۲۲ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/A	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	AFT MODIFICATIONS	SI	P-1 ITEM NOMENCLATURE: KG-10A (ATCA)	ATURE: KC-10A (A	TCA)		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$24.686	\$13.216	\$14.533	\$29.258	\$9.188	\$12.710	\$2.397	\$1.256

This line item funds modifications to the KC-10 aircraft. The three engine KC-10 serves a dual-role by providing both air refueling and strategic airlift support. The aircraft provides air refueling by using both the boom and drogue methods and can carry up to 27 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

	MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFICATION TITLE									TO GO	PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.2		0.1	0.1	0.3	0.5				1.5
		CLASS P-S TOTAL FOR KC-10	0.2		0.1	0.1	0.3	0.5				
Q.	3150	NAVSTAR GLOBAL POSITIONING SYS	15.4	12.1	5.1	2.0						54.9
	3351	REFUELING PODS	0.9									53.9
	4301	ENGINE VIBRATION MONITORING SY	1.1	1.1	1.1	1.1	1.0	0.4				6.9
	4369	REPLACE PYLONS 1&3 FORWARD MOU			4.7	4.1	4.6	3.9	1.2			18.6
	6046	L-BAND SATCOM AND CJTF-C2 COMM	9.8	1.2	1.1							10.9
	9702	8.33 KHZ VFH RADIO			2.0							2.0
	S66666	SERVICE BULLETINS		2.8	0.4	1.4	3.2	2.9	1.2	1.3		20.8
	X66666	LOW COST MODIFICATIONS					0.1	0.1				2.6
	SIM-10	SIMULATOR UPGRADE (KC-10)				20.5		5.0				37.1
	288888	REPROGRAMMINGS	-1.6	-4.0								-5.5
		CLASS P TOTAL FOR KC-10	24.5	13.2	14.5	29.2	8.8	12.2	2.4	1.3		
TOTAL	TOTAL FOR KC-10	7-10	24.7	13.2	14.5	29.3	9.2	12.7	2.4	1.3		

Totals may not add due to rounding.

5.5 UNCLASSIFIED PAGE NO. P-1 SHOPP LIST ITEM NO. 046

ASSIFIED

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

PE 0401219F TEAM MOBIL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC KC-10 CLASS P MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: ALL

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning system (GPS) is a space based radio navigation system that will provide suitabily equipped host vehicles with highly accurate, jam-resistent, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness. AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Acft breakout: 59 active.

PROJECTED FINANCIAL PLAN												
	Δ,	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	Œ	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
			1 1 1	1 1 1 1 1 1 1 1		1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	1		! ! ! !
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	25	4.5	25	4.6	80	2.4						
KITS NONRECUR	-	1.3										
EQUIPMENT ((25)	4.0	(25)	4.1	(8)	2.0						
EQUIP NONREC ((1	6.3										
CHANGE ORDERS												
DATA		1.7		2.0								
SIM/TRAINER		0.7		4.7								
SUPPORT-EQUIP		1.3				3.7		1.0				
INSTALLATION OF HARDWARE												
FY-94 1 KITS (1)	0.5										
FY-95 25 KITS					(25)	4.0						
FY-96 25 KITS							(25)	4.1				
FY-97 8 KITS									(8)	2.0		
	-		1		1	1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	1	1	1 1 1 1 1 1
TOTAL INSTALL QTY/COST	1	0.5			25	4.0	25	4.1	80	2.0		
-	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1	1				1 1 1		1	
TOTAL COST (BP-1100)		20.3	25	15.4	8	12.1		5.1		2.0		
(TOTALS MAY NOT ADD DUE TO METHOD OF IMPLEMENTATION:	0	ROUNDING.)	SI.									
	NITIAL	INITIAL LEAD TIME 12 MONTHS	12 MONT	CHS	Ē	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 21 MONTHS	S			

*** UNCLASSIFIED *** PAGE 046-1

**	
UNCLASSIFIED	
* *	

																			4 6	9			
	AMT	: ! !	;	11.5	10.1	0.0	3.7	6.0	(0.4	4 . 	2.0	10.6	54.9					e 9	9			
	TOTAL	:											1	! !				£Y-98	2 9	, ,			
JED)	T QTY		i	58 1					Ę	î	25)	8	59	59				į±,	1	φ.			
(CONTINUED)		¦										· •		ı					4 6	7			
9	MP AMT	 																	3	9			
	TO COMP	; }																FY-97	2 9	9			
	QTY	1 1 1 1																	H 9	1			
	AMT	:																	4				
	FY-03 A	1														on 1		9	3				
STEM		i !														FY-99		FY-96	2				
ING SY		,														FY-98			н				
TION	AMT																		4				
NAVSTAR GLOBAL POSITIONING SYSTEM UUED)	FY-02	•											į			FY-97	2/97 1/99	95	e	-			
GLOBA	QTY														1	FY-96	2/96 1/98	FY-95	7	1			
STAR		!											!				2/		-				
50 NAVS (CONTINUED))1 AMT													NG.)		FY-95	2/95 1/97		3		•	4	
150 (CON1	FY-01	!											' !	ROUNDI		FY-94	34	FY-94	6		66-	, ,	
MN-3150 NN (CC	QTY	! ! ! !												5		Ę į	2/94 2/95	FY-			FY-99		
O AL PLZ									HARDWARE	0.0	n m	5 0	/cosr	OO) OD DUE			3/FY) 3/FY)	OULE:	-		OULE:		. 4
KC-1			010)	œ		တ		а	F HARDY	CITA	KITS	KITS	L QTY,	BP-11(NOT A			E (QTI	SCHEI	RTERS	PUT	SCHEI	KTEKS	PUT
EET: ED FI		3600)	NT (3	NRECU	NT	ORDER	TNEB	-EQUI	O NOI	ם נ	25	80	NSTAL	OST (NES		T-DAT	ATION	QUARTERS INPUT	OUTPUT	ATION	QUAKTEKS	OUTPUT
FACT SHEET: KC-10 MN PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS KITS NONRECUR	EQUIPMENT	CHANGE ORDERS	DATA STM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF	1 1 2 4	FY-96	FY-97	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:			INSTALLATION SCHEDULE:		
FP		R	PROC	X IX	DE C	á ö	E C	So	INSI	1 2	F	FY	TO	DT T)	MI		S 2	Z			II		

PAGE 046-2 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB MODIFICATION TITLE AND NO: REFUELING PODS MN-3351

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC KC-10 CLASS P

DESCRIPTION/JUSTIFICATION: Provides two additional wing-tip mounted, hose reel air refueling systems for probe and drogue refueling. Enhances reliability and support of U.S. Navy, Marine, and allied aircraft. Fifteen sets of pods/pylons (2 pods per set) have been purchased and twenty aircraft are being modified.

AIRCRAFT BREAKDOWN: Active -- 20 RES -- 0 ANG -- 0 PE 0401219F TEAM MOBIL CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: KC-10A

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN	1		i	,			i	(i	(i	(
		PRIOR		FY-96		FY-97		FY-98		FY-99		F.Y00
	OT'Y	AMT.	OTY 	AMT	Z.I.Ö	AMT	OTY 	AM.T.	ŭī.	AMT	VI.X	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	20	0.9										
KITS NONRECUR		1.1										
EQUIPMENT	(20)	27.2										
EQUIP NONREC		0.3										
CHANGE ORDERS		1.6										
DATA		2.4										
SIM/TRAINER		0.8										
SUPPORT-EQUIP		3.0										
INSTALLATION OF HARDWARE												
FY-88 5 KITS	(2)											
FY-93 6 KITS	(9	5.9										
FY-94 9 KITS	(9)	4.7	(2)	0.9								
	1		1	1111111	1		† 1	111111	!!!!!			
TOTAL INSTALL QTY/COST	17	10.6	m	6.0								
		111111			1		!!!!		-	1	1	
TOTAL COST (BP-1100)	20	53.0		6.0								
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION CLS	- CLS									

FOLLOW-ON LEAD TIME -- 6 MONTHS

INITIAL LEAD TIME -- 6 MONTHS

FACT SHEET: KC-10 MN PROJECTED FINANCIAL PLAN	1-33	CONT	(CONTINUED)	ELING	REFUELING PODS									(00)	(CONTINUED)	â			
		FY-01	1 AMT		POTY	FY-02	AMT	Ò	FY-03 QTY)3 AMT	_	TC QTY	TO COMP	AMT	QT	TOTAL QTY	AL AMT	E	
RDT&E (3600)	1 1 1 1	•	1	1			! !	•	!		!	! ! !					 		
ROCUREMENT (3010)																9		,	
INSTALL KITS KITS NONRECUR																20		1.1	
EQUIPMENT																	2	27.2	
EQUIP NONREC CHANGE ORDERS																		1.6	
DATA																		2.4	
																		3.0	
ATION OF																ű			
FY-88 5 KITS EV-03 6 KITS																(G		o o	
on																6		5.6	
TOTAL INSTALL QTY/COST	1	,	 	•		į	!	1			1		İ		}	20	1	11.5	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO RO	- IONU	NG.)	, I	 		i i i i	•					İ			20		53.9	
Millediones	FY-88	σ.	FY-89	FY-90	06	FY-91	FY.	FY-92	FY-93	FY	FY-94	FY-95	FΥ	FY-96					
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/88	,	! !	! ! ! !	!	1 1 1 1	İ	! ! !	3/93	1/94	1/94 2/95	! ! ! ! !	i	! !					
INSTALLATION SCHEDULE:	FY-88	m			FY-89	6			FY-90			Ē	FY-91			FY-92	92		
QUARTERS 1 INPUT OUTPUT	0	m	4 2	5	7	m	4	-	2	m	4	- -1	7	က	4	7	m	•	ব
INSTALLATION SCHEDULE:	FY-93	Ф.			FY-94	4			FY-95			Ŀ	FY-96						
QUARTERS 1	7 7	(r) (₹ (-	7	ო	4	н.	۰ 5	ო (4 (-	٦,	ო (4				
INPUT OUTPUT		7 7	7 62	7				7		7	7 7	2	-	7 [2				

PAGE 046-4 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: REPLACE PYLONS 1&3 FORWARD MOUNT TRUSS ASSEMBLIE MN-4369

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC KC-10 CLASS P

DESCRIPTION/JUSTIFICATION: Replacement of the KC-10 wing engine pylon with an improved updated engine mount truss fitting less prone to stress cracking. (REF: AIRWORTHINESS DIRECTIVE 91-07-15, ALERT SERVICE BULLETIN 54-99) If not corrected, cracks could result in loss of structural integrity of the wing engine forward mount truss fitting and eventual separation of the engine. TEAM MOBIL PE 0401219F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: KC-10A

AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)							! ! ! !				1 1 1 1	
PROCUREMENT (3010)												
INSTALL KITS							15	3.8	15	3.3	15	3.4
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 15 KITS							(01)	6.0	(2)	0.4		
FY-99 15 KITS									(8	0.5	(,	0.3
FY-00 15 KITS											(9	0.9
FY-01 14 KITS												
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1		1	:	1
TOTAL INSTALL QTY/COST							10	6.0	13	0.9	13	1.2
10011 00ST (BB-1100)	! ! !	!	 		! ! !		1 1 1			"	1 1	
(TOTALS MAY NOT ADD DUE TO	_	ROUNDING.)					CT		C†	- •	61	0.4
METHOD OF IMPLEMENTATION:		INSTALLATION DEPOT	DEPOT									
1	INITIAL I	ITIAL LEAD TIME 3 MONTHS	- 3 MONTH	S	Ē	OLLOW-ON LE	AD TIME .	FOLLOW-ON LEAD TIME 3 MONTHS				

PAGE 046-5
*** UNCLASSIFIED ***

ASSEMBLIE	
TRUSS	
MOUNT	
FORWARD	
143	
PYLONS	
REPLACE PYLONS 143 FORWARD MOUNT TRUSS ASSEMBLE	INUED)
MN-4369	(CONT
Æ	PLAN
: KC-10	PROJECTED FINANCIAL PLAN
FACT SHEET:	ECTED 1
FACT	PROJI

(CONTINUED)

·	FY-01 QTY	01 AMT	QTY	FY-02	AMT Q	FY-03 QTY	3 AMT	YTQ	TO COMP	P AMT	OTY OTY	TOTAL	AMT	
	14	2.5									59		13.0	
					0.1								0.1	
NSTALLATION OF HARDWARE FY-98 15 KITS FY-99 15 KITS FY-00 15 KITS (FY-01 14 KITS (4)	1.0	(010)								(15) (15) (15) (14)		1.3 0.8 1.9	
TOTAL INSTALL QTY/COST	13	1.4	10			•	1 1 1 1 1 1				59		5.5	
. E	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) ILLESTONES FY-96 FY-96	3.9 ING.) FY-97	FY-98	1.2 1.2 FY-99 FY	00-	FY-01	FY-02	l			59		18.6	
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	i !		1/98	1/99 2/99	1/00	1/01	1							
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2	3	FY-97	3	4 1	FY-98 2 3	ттт	EL	FY-99 2 4	W 4 4 4 37 37	4 2 2 E	FY-00 2 4	4 4 3 5 5 5	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-01 2 4	4 4 4 5 5 5	FY-02 1 2 3	33	ਰਾ ਹਾ ਹਾ									

PAGE 046-6 *** UNCLASSIFIED ***

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC KC-10 CLASS P

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: L-BAND SATCOM AND CJTF-C2 COMM UPGRADE MN-6046

DESCRIPTION/JUSTIFICATION: Recent incidents have highlighted the need for direct communications and control. A commercially available AERO-C SATCOM system will provide the capability for the KC-10. The upgrade to six KC-10s to support CJTF-C2 Comm capabilities will be accomplished at a contractor support facility.

AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0 TEAM MOBIL PE 0401219F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: ALL

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN	GOTAG	70-04	96	- YG	FY-97	FY-98	86	7.6	FY-99	FY	FY-00
	QTY AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
100967 11944	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-		1 1 1	t	-		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	; 1 1 1 1 1	!	: : : : :
KDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS		59	1.8								
KITS NONRECUR											
EQUIPMENT		(65)	3.5								
EQUIP NONREC											
CHANGE ORDERS											
DATA			0.5								
SIM/TRAINER											
SUPPORT-EQUIP			1.7				1.1				
INSTALLATION OF HARDWARE											
FY-96 59 KITS		(8)	1.2	1.2 (3)	1.2						
TOTAL INCHBIL OTY/COST			1.2		1.2	1		i ! !	! ! ! !	 	
		1		!			1 1 1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	
TOTAL COST (BP-1100)		59	9.8		1.2		1.1				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	ш.										
METHOD OF IMPLEMENTATION:	V: INSTALLATION COMBINATION	- COMBINAT	NOI								
T	INITIAL LEAD TIME 2 MONTHS	2 MONTH	S	F	FOLLOW-ON LEAD TIME 0 MONTHS	AD TIME -	- 0 MONTHS				

*** UNCLASSIFIED *** PAGE 046-7

-BAND SATCOM AND CJTF-C2 COMM UPGRADE	
L-BAND	ONTINUED)
MN-6046	PLAN (C
T: KC-10	PROJECTED FINANCIAL
FACT SHEET:	PROJECTED

(CONTINUED)

	EY. QTY	FY-01 AMT		FY-02 QTY	32 AMT	E) OIIY	FY-03 AMT	TO OTY	TO COMP	TOTAL QTY	AL AMT
										o u	α
)) •
											3.5
											u C
											:
											2.8
ISTALLATION OF HARDWARE											
										(9)	2.4
HOOON AND LIKEDING TAHOH		1		1		1	1	1	 		
		1		1				ļ		ا ہ	2.4
										59	10.9
E-3	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	OING.)									
	FY~96	FY-97									
	1/96										
	1/30										
INSTALLATION SCHEDULE:	FY-96		_	FY-97							
$\overline{}$	2	3 4	1	2	3 4						
		ოო		നന							
				J							

PAGE 046-8

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

TEAM MOBIL

PE 0401219F

EXHIBIT P3A CONGRESSIONAL

CLC KC-10 MODIFICATION TITLE AND NO: 8.33 KHZ VFH RADIO MN-9702

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: KC-10

FY 1998 PB

DESCRIPTION/JUSTIFICATION: To relieve the VHF spectrum congestion in Europe, channel spacing will be reduced to 8.33KHZ. Effective 1 JAN 99, all aircraft operating in airspace for which the 8.33KHZ channel spacing has been mandated, must have VHF radios capable of operating at the mandated spacing. AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Two 8.33KHZ radios are required for operation under instrument flight rules (IFR) under a general requirement of the European Joint Aviation Authorities. Commercial off-the-shelf systems will be used/integrated.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

59 PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC SIM/TRAINER **EQUIPMENT**

5.0

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 3 MONTHS TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)

FOLLOW-ON LEAD TIME -- 0 MONTHS

2.0

59

	E !					2.0							2.0					
	AMT																	
TOTAL	QTY					59						1 1 1 1	59					
OMP	AMT																	
TO COMP	OTY											1 1 1 1 1						
,																		
	AMT																	
FY-03	·																	
į	YTO											1						
!	AMT											1 1 1 1 1 1 1 1						
FY-02	ļ											1						
	QTY 											1 1 1			FY-98		2/98	
!	AMT											-				Ċ	2	•
FY-01	AMT												CMIC	50.77	FY-97	1		
	Q'I'Y											1 1 1 1 1 1	FOTAL COST (BP-1100)	NOON OI	FY-96	-		
)) OTE				(FY)	
			10)										P-110((QTR/	
		(009)	T (30	KITS	RECUR	T	NREC	RDERS		NER	EQUIP		ST (B	ES			-DATE	
		RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP		TOTAL COST (BP-1100)	MILESTONES			CONTRACT-DATE (QTR/FY)	
		RD.	PROC	ž	KI	ĒĞ	EQ	CH	DA.	SI	SU		10.	MI			ទី	i

PAGE 046-10

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MN-SIM-10 MODIFICATION TITLE AND NO: SIMULATOR UPGRADE (KC-10)

CLC KC-10

to the simulator. Projected savings across all weapon systems when the upgrade is complete is approximately \$34M. This program supports AMC C-MNS 001-93, MNS AMC 021-93, and ORD AMC 021-93 I/II/III (FY97-99). CPT upgrade adds control loading and visual display systems to enable the migration of lower value training tasks from the WST to the CPT (FY01).

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0 visual system and motion base. These upgrade efforts will allow AMC to move flying proficiency training from the more expensive aircraft DESCRIPTION/JUSTIFICATION: Modify the KC-10 boom operator trainers with new computers, linkage, digital communications, & aural cues, visual (FY92-94) Part of 3-phased simulator upgrade program encompassing C-141, C-5, KC-10, and KC-135 simulators with a new, state-of-the-art TEAM MOBIL communications processor, & HAVE QUICK II & control loading. This effort will also include computer upgrade for the flight simulators. system & controls. Also modify the KC-10 simulators with a new modular I/O linkage, digital comm & aural cues capability, automatic PE 0401897F CENTER: 00-ALC MODELS OF AIRCRAFT AFFECTED: KC-10

DEVELOPMENT STATUS: None required.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL PLAN	-											
	ı	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT
RDTCE (3600)		1	1 1 1	-						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER	(10)	11.6							(3)	20.5		
SUPPORT-EQUIP												
	1 1 1		 		1 1 1	1 ! ! ! ! !	! ! !	1 1 1 1 1 1 1 1 1		!	!!!!	
TOTAL COST (BP-1100)		11.6								20.5		
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	- ORG/INT	ERMEDIATE								
	INITIAL	INITIAL LEAD TIME 12 MONTHS	12 MON	THS	(i	FOLLOW-ON LEAD TIME 12 MONTHS	SAD TIME	12 MONTE	IS			

*** UNCLASSIFIED *** PAGE 046-11

UNCLASSIFIED	
**	

FACT SHEET: KC-10 MN PROJECTED FINANCIAL PLAN	-sī	==	JLATOR UPG	SIMULATOR UPGRADE (KC-10)	<u> </u>			(CONTINUED)	NUED)	
	FY QTY	FY-01 AMT	FY QTY	FY-02 AMT	FY	FY-03 AMT	TO QTY	TO COMP	TO. QTY	TOTAL AMT
RDT&E (3600)				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! !					! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
PROCUREMENT (3010) INSTALL KITS										
KITS NONRECUR EQUIPMENT										
EQUIP NONREC CHANGE ORDERS										
DATA SIM/TRAINER SUPPORT-EQUIP	(2)	5.0								37.1
TOTAL COST (BP-1100)	 	5.0	! ! !		!			1		37.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	E TO ROUN	DING.)								
	FY-92	FY-93	FY-94							
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	44	4/94	4/94							

PAGE 046-12
*** UNCLASSIFIED ***

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	MODIFICATION	Sh	P-1 ITEM NOMENCLATURE: C-12	LATURE: C-12			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$3.142	\$11.023	\$4.680	\$3.365	\$0.990	860'0\$	\$0.459	\$0.448

This line item funds modifications to the C-12 aircraft, commercial equivalent Beech Craft Super King Air. The C-12 is a twin-turboprop, support-airlift aircraft used to transport cargo and passengers. The major modifications budgeted in FY98 are the Flight Data Recorder/Cockpit Voice Recorder (FDR/CVR) and the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

CLASS	MOD		MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
<u>a</u>	3149F	FLIGHT DATA	ATA RECORDER & COCKPIT	2.1		0.9							3.0
	3149T		FRAFFIC ALERT & COLLISON AVOID		2.4	2.6	1.6	0.2					6.8
-	3150		NAVSTAR GLOBAL POSITIONING SYS	1.1	7.0	1.2	0.3						10.7
	866666		SERVICE BULLETINS	0.1	1.6		1.5	0.8	0.1	0.5	0.4		5.1
	X66666		LOW COST MODIFICATIONS	0.1									9.0
	288888	REPROGRAMMINGS	MMINGS	-0.3									-0.1
		CLASS P	TOTAL FOR C-12	3.1	11.0	4.7	3.4	1.0	0.1	0.5	0.4		
TOTAL	TOTAL FOR C-12	-12		3.1	11.0	4.7	3.4	1.0	0.1	0.5	0.4		

Totals may not add due to rounding.

	UNCLASSIF		
504		ITEM NO. 047	
	PAGE NO.	P-1 SHOPP LIST	

MODIFICATION OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE TEAM MOBIL PE 0401314F CLC C-12 MN-3149F CENTER: OC-ALC FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER MODELS OF AIRCRAFT AFFECTED: C-12, DV AIRCRAFT

IPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C-12 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. The Flight Data Recorder and the Cockpit Voice Recorder will provide a valuable aid in providing

DESCRIPTION/JUSTIFICATION:

MODIFICATION TITLE AND NO:

FY 1998 PB

02/14/97

DATE

post-mishap information concerning the pre-mishap pilot actions and aircraft system status. The modification is IAW SECDEF 26 Apr 96 letter requiring "navigation and safety upgrades for the 89th Airlift Wing, Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft." The Flight Data Recorder is a Loral Fairchild Fl000 and the Cockpit Voice Recorder is a Loral Fairchild Al00S.

AIRCRAFT BREAKDOWN: Active -- 36 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

AMT FY-00 ΩY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 3 MONTHS 0.3 0.3 0.3 0.4 6.0 0.1 AMT FY-98 11 36 11) (11) ΩŢ AMT FY-97 QTY 0.7 0.5 0.9 2,1 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM AMT FY-96 INITIAL LEAD TIME -- 9 MONTHS 25 25 (22) OTY AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR OTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) KITS PROCUREMENT (3010) KITS NONRECUR SUPPORT-EQUIP CHANGE ORDERS INSTALL KITS EQUIP NONREC RDT&E (3600) 25 11 SIM/TRAINER **EQUIPMENT** FY-96 FY-98 DATA

*** UNCLASSIFIED *** PAGE 047-1

(CONTINUED)	TOTAL QTY	i t t t t t t t t t t t t t t t t t t t	36 1.2	1.0	۵.°0		(25) 0.3 (11) 0.1	36 0.4	0 6 96				
	TO COMP QTY P	! ! !						1	1				
KPIT VOICE RECORDER	FY-03 QTY AMT												FY-98 1 2 3 4 7 7 11 11 7 7 11 11
FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER (UED)	FY-02 QTY AMT										FY-98	3/98 4/98	FY-97
NTIN	FY-01 AMT	! ! ! ! !								dding.)			ю 4
.314		 						1	!	I TO ROUN	FY-96	2/97	FY-96
FACT SHEET: C-12 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KIIS NONKECUK EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP TNSTAILATTON OF HARDWARE	FY-96 25 KITS FY-98 11 KITS	TOTAL INSTALL QTY/COST	10011-887 #SOO ISBOT	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT

DATE 02/14/97 FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM MN-3149T

PE 0401314F

CLASS P CLC C-12

traffic and provides both visual display corrective action and audible warning. The modification is IAW SECDEF 26 Apr 96 letter requiring "navigation and safety upgrades for the 89th Airlift Wing, Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft."

The modification consist of Bendix King CAS 66A TCAS I system. This modification could be upgraded at some future time to TCAS II. designated for DV passenger missions. The Traffic Alert and Collision Avoidance System (TCAS) will provide a display for inbound aircraft DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C-12 Navigation and Safety upgrades on Air Force aircraft TEAM MOBIL CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-12, DV AIRCRAFT

AIRCRAFT BREAKDOWN: Active -- 36 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	PRIOR	FY-96	r-Ma	FY-97	97 AMT	FY-	FY-98 AMT	FY-	FY-99 AMT	FY.	FY-00 AMT
		,	1111			.		. ! . !		×	
RDT&E (3600)											
PROCUREMENT (3010) INSTALL KITS				10	1.0	15	1.2	11	0.5		
KITS NONRECUR EQUIPMENT				(010)	1.0	(15)	1.2	(11)	0.5		
EQUIP NONREC											
DATA					0.4						
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
10						(01)	0.3				
FY-98 15 KITS								(15)	9.0		,
11										(11)	0.2
TOTAL INSTALL QTY/COST		!	!	! ! !		10	0.3	15	9.0	11	0.2
				1 6		4.	9 6	11	1 6		. 0
TOTAL COST (BF-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNDING.)			2	F: 7	3	0.4	;	•		÷
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT FIELD TEAM INITIAL LEAD TIME 10 MONTHS	N: INSTALLATION DEPOT FIELI INITIAL LEAD TIME 10 MONTHS	DEPOT FIEL E 10 MONTHS	D TEAM	FO	LLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 10 MONTHS	IS			

*** UNCLASSIFIED *** PAGE 047-3

	TOTAL AMT		2.7	2.7	0.4			0.0		1.1	8.9			FY-00 2 3 4 5 1 5 5 1	
NUED)	QTY		36				(10)	(15) (11)	1	36	36			⇔ 80 €	
(CONTINUED)	AMT	!								1				464	
	TO COMP	1								1				99 3	
	TO QTY	 							1	!				FY-99	
	O.													1 4 8)	
TEM	AMT									!				6 m	
CE SYS	FY-03	i												FY-98 2 3	
OIDAN	QTY								1	! ! !				1 1	
ON AV		!							ŀ	:		FY-00		4	
TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM (UED)	FY-02 AMT	 	,						!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	- 1	;	FY-99	2/99 1/00	۲ 8	
C ALERT	P	!								1	;	FY-98		FY-97	
9T TRAFFI (CONTINUED)	01 AMT	t t t							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ; ;	ING.)	FY-97	4/97 3/98	ъ 4	
-314	FY-01 QTY	i ! !							!	i ! !	TO ROUND	FY-96		FY-96 2	
FACT SHEET: C-12 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR ĘQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	ATION OF	FY-98 15 KITS FY-99 11 KITS		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	•

PAGE 047-4 *** UNCLASSIFIED ***

02/14/97 DATE

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-12 CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam resistant, three dimensional position, velocity and time data, worldwide in all weather to improve mission effectiveness. Supports procurement of navigation and safety upgrades on 89th Airlift Wing Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft. Accelerates GPS integration and installation of user equipment kits on all C-12 aircraft. Completion of 36 aircraft in TEAM MOBIL PE 0401314F MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-12

AIRCRAFT BREAKDOWN: Active -- 36 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL PLAN												
	H	PRIOR	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)] 	!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 5 6 1 1	!	! ! ! ! !		1		; ; ; ; ;	!	
PROCUREMENT (3010)												
INSTALL KITS	7	0.5	1	0.2	17	1.3	16	9.0				
KITS NONKECUK	6		1		,			d				
EQUIP NONREC	(7		(7		_	0.0	(07)	6.0				
CHANGE ORDERS												
DATA		0.2		0.2								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 2 KITS					(2)	0.1						
1					(1)							
FY-97 17 KITS					(11)	0.2						
FY-98 16 KITS									(16)	0.3		
	1 1 1 1				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1	1	1
TOTAL INSTALL QTY/COST					20	0.3			16	0.3		
		1	!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1	1		1		1 1 1 1 1 1 1
TOTAL COST (BP-1100)	8	1.1	-1	1.1	17	7.0	16	1.2		0.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	N: INST	ALLATION -	- DEPOT/FI	ELD TEAM								
	INITIAL	INITIAL LEAD TIME 6 MONTHS	6 MONTH	S	E	OLLOW-ON LE	SAD TIME	FOLLOW-ON LEAD TIME 3 MONTHS				

*** UNCLASSIFIED ***

	TOTAL	AMT		2,3		•	0.4			-		0.0	0.0	0.3	9 0	0	10.7				54-99	2 3 4	7 7 7
(OED)	OT	QTY		36						ć	77	î ;	(17)	(91)	98	2 !	36				À		T 4
(CONTINUED)		. l												!		1						4	
٤	ΜP	AMT												1							~	m	
	TO COMP	. !												-							7.4 - 0.8	2	
		QTY												1		1							
		AMT												į		1						4.	വ
	FY-03															1							വ
EM	FY-	إ بر													!	1					EV-07	, 2 ,	വ
SYS1		QTY												į		į		FY-99	!			← 1	വ
ONING		AMT														1 1 1		FY-	1			4	
POSITI	FY-02														!	į		FY-98	1		9	т 2	
NAVSTAR GLOBAL POSITIONING SYSTEM NUED)	_	QTY													 	 		FY-97	!	1/97 2/97	20	1 2	
STAR D)		Ę-													i i i	!						. 47	
O NAVST (CONTINUED)	01	AMT													! ! ! !		ING.)	FY-96	-	3/96 4/96		ю	
150 (CON	FY-01	QTY														1 1	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) HIESTONES	FY-95	11111	3/96 1/97	20		
MN-3150 LAN (C		a	1							гi					•		UE TO	Œ				н	
.2 YIAL P										RDWAR	KITS	KITS	KITS	KITS	000/ 80	200/L	1100) ADD D			TR/FY TR/FY		2000	
C-12			=	3010)	ä E	ပ္ပ	RS		IIP	OF H						5	(BP-1			TE (C	Š	QUARTERS	INPUT
HEET: TED F			(3600	ENT (ONREC	NONRE	ORDE	AINER	T-EQU	TION	7	_	17	16		INSIF	COST S MAY			CT-DP	E	QUAR	1 20
FACT SHEET: C-12 MN- PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	KITS NONRECUR	EQUIPMENT EQUIP NONREC	CHANGE ORDERS	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY-95	FY-96	FY-97	FY-98		TOTAL INSTALL QIY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD MILESTONES			CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	THE THE PARTY OF T	NSIAL	
ᄪᅋ			α,	PRO	+ x	म मि	0 6	מטוב	υ	INS	131	,	ļ.	ш.	. •	-	μ ~ Σ			0 1	•	7	

UNCLASSIFIED

		BUDGET ITEN (EXHIB	TEM JUSTIFICATION HIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	SAFT MODIFICATION	SN	P-1 ITEM NOMENCLATURE: C-18	LATURE: C-18			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$2.597	\$1.082	\$0.272	\$0.367	\$0.375	\$0.384	\$0.921	\$0.897

This line item funds modifications to the C-18 aircraft. The C-18, a modified Boeing 707, is a long range, four engine, jet transport aircraft. The C-18 is used to support Space and Missile Missions. The major modification budgeted in FY98 is to fund service bulletins necessary for reliability and maintainability, safety, and mission performance.

TOTAL PROG.	5.2	3.1	4.6		
COST TO GO					
FY-03		0.8	0.1	0.9	0.9
FY-02		0.8	0.1	0.9	0.9
FY-01		0.3	0.1	0.4	0.4
FY-00		0.4		0.4	0.4
FY-99		0.4		0.4	0.4
FY-98		0.2	0.1	0.3	0.3
FY-97	1.1			1.1	1.1
FY-96	2.4	0.2		2.6	2.6
MODIFICATION TITLE	NAVSTAR GLOBAL POSITIONING SYS	SERVICE BULLETINS	LOW COST MODIFICATIONS	CLASS P TOTAL FOR C-18	
MOD	3150	866666	X66666	CLA	TOTAL FOR C-18
CLASS	ы				TOTAL

Totals may not add due to rounding.

PAGE NO. P-1 SHOPP LIST ITEM NO. 048

UNCLASSIFIED

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

PE 0401314F TEAM MOBIL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: C/EC-18

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-18 CLASS P

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam- resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN	PRIOR	, V	96-74	У-	FY-97	7.5	FY-98	FY	FY-99	F	FY-00
	QTY AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
•		!	1	1						1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
RDT&E (3600)											
DBOCHBEMENT (3010)											
INSTALL KITS		2	0.4	Т	0.2						
KITS NONRECUR	1,0										
EQUIPMENT		(2)	1.5	(1	0.4						
EQUIP NONREC	0.8										
CHANGE ORDERS											
DATA			0.5								
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY-96 2 KITS				(2)	0.3						
FY-97 1 KITS				(1)	0.2						
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1 1	!		
TOTAL INSTALL OTY/COST				က	0.5						
•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1		1 1	1	!		!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1
TOTAL COST (BP-1100)	1.8	2	2.4	1	1.1						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CLS	: INSTALLATION -	- CLS									
ii ii	INITIAL LEAD TIME 12 MONTHS	12 MON7	HS	Ĕ	FOLLOW-ON LEAD TIME 6 MONTHS	AD TIME	6 MONTHS				

PAGE 048-1
*** UNCLASSIFIED ***

FACT SHEET: C-18 MN-PROJECTED FINANCIAL PLAN	3150 (C	0 NAVSTA (CONTINUED)	AR GLOBAY	NAVSTAR GLOBAL POSITIONING SYSTEM ONTINUED)	NING	SYSTEM				00)	(CONTINUED)	
	FY	FY-01		FY-02		ĮΞι	FY-03		5Ţ	TO COMP	Ē	TOTAL
	QTY	AMT	OTY	AMT	E	QTY	æ	AMT	QTY	AMT		AMT
RDT&E (3600)	1 ! ! !	5 5 6 1 1	! ! !	! ! ! !	į	 	! !	<u> </u>	! ! !	i	1 1 2 2 1	7 1 1 i i i i i i i i i i i i i i i i i
ROCUREMENT (3010)												
INSTALL KITS KITS NONRECUR											က	0.6
EQUIPMENT												1.9
EQUIP NONREC												0.8
CHANGE ONDERS												0.5
SIM/TRAINER) •
SUPPORT-EQUIP												
NSTALLATION OF HARDWARE FY-96 2 KITS											(2)	0.3
FY-97 1 KITS											(1)	0.2
	1 1 1 1	1	1		-	1 1	1	1 1 1 1 1 1 1	1 1 1	1 1 1 1	1	1
TOTAL INSTALL QTY/COST												0.5
	1 1 1	1		!!!!!!!!!!!!!	!	! ! !			1 1 1	1 1 1 1 1 1	1	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	DING.)									m	5.2
	FY-95	FY-96	FY-97	FY-98								
TOTA CONTO TO A CONTO TO TOTAL		20/6	10/0									
CONINGCI-DAIE (QIR/FI) DELIVERY-DATE (QTR/FY)		3/97	4/97									
INSTALLATION SCHEDULE:	FY-95		FY.	FY-96		FY-97	97		FY	FY-98		
QUARTERS 1 INPUT OUTPUT	7	3	-	3	4	1 2	ю 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		3	4	

PAGE 048-2

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	tY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	Sh	P-1 ITEM NOMENC	P-1 ITEM NOMENCLATURE: C-20 MODS	S		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$14.139	\$6.909	\$6.535	\$2.461	\$0.524	\$0.482	\$1.104	\$1.076

This line item funds modifications to the C-20 aircraft, commercial equivalent Gulfstream III/IV. The C-20 aircraft is a twin-engine, turbofan aircraft used to airlift DOD officials and high-ranking government personnel over long distances (3,000 miles). The major modifications budgeted in FY98 are the Global Positioning System (GPS) and the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

	MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFICATION TITLE									TO GO	PROG.
ما	3149T	TRAFFIC ALERT & COLLISON AVOID	•	1.2	0.9							4.1
	3150	NAVSTAR GLOBAL POSITIONING SYS		5.0	4.0	2.0						27.2
	866666	SERVICE BULLETINS		0.4	1.6	0.4	0.4	0.4	1.1	1.1		5.7
	X66666	LOW COST MODIFICATIONS		0.3	0.1	0.1	0.1	0.1				2.9
		CLASS P TOTAL FOR C-20	14.1	6.9	6.5	2.5	0.5	0.5	1.1	1.1		
TOTAI	FOTAL FOR C-20	50	14.1	6.9	6.5	2.5	0.5	0.5	1.1	1.1		

Totals may not add due to rounding.

SHOPP LIST	PAGE NO.
ITEM NO. 049	
	UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

DATE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-20

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM MN-3149T

DESCRIPTION/JUSTIFICATION: The Traffic Alert and Collision Avoidance System (TCAS) II will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. FAA mandated all transport category aircraft are modified with TCAS. All civilian transport aircraft are modified with TCAS and air traffic control to prevent a possible aircraft mishap. TEAM MOBIL PE 0401314F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-20, DV AIRCRAFT

AIRCRAFT BREAKDOWN: Active -- 8 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	PRIOR	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	 	! ! !		! ! ! !				 		 	
PROCUREMENT (3010)											
INSTALL KITS		4	0.2	4	0.2						
KITS NONRECUR			0.7								
EQUI PMENT		(4)	0.8	(4)	0.8						
EQUIP NONREC											
CHANGE ORDERS											
DATA			0.3								
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY-96 4 KITS				(4)	0.2						
FY-97 4 KITS						(4)	0.9				
TOTAL INSTALL QTY/COST				4	0.2	4	0.9	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	!
TOTAL COST (BP-1100)		4	2.0	4	1.2	!	0.9	1	1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPERENTATION . INSTRIBATION DEBOTT	TO ROUNDING.)	#0040								•	
	INITIAL LEAD TIME 12 MONTHS	12 MONT	SHS	ŭ	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 6 MONTHS				

PAGE 049-1

	TOTAL AMT		0.4	0.3	0.2	1.1	4.1		
(CONTINUED)	TO1 QTY 		œ		~ ~ \$ \$	8	ω		
(CONT	TO COMP AMT								
	TO C								
SYSTEM)3 AMT								2 2 4 2 2 2
/OIDANCE 8	FY-03 QTY								FY-98 1 2 2
OLLISON AV	2 AMT								1133
TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM	FY-02 QTY							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FY-97 2 1
9T TRAFFIC (CONTINUED)	1 AMT						7	1/97	4
-314	FY-01 QTY						TO ROUNDI	1/96	FY-96 2 3
FACT SHEET: C-20 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT FOILTP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-96 4 KITS FY-97 4 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY), DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness. TEAM MOBIL PE 0401314F CLC C-20 MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C-20

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

No RDT&E required. DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

INCORCIED FINANCIAL FLAN	۵	PRIOR		FV-96		FV 07		λ	EV_09	2	0	Ē	9
	QTY	AMT	QTY		J	QTY CT	AMT	QTY	AMT	OTY	AMT	QTY	FI-UU AMT
	1	1				-		1	1	1 1 1 1		!	1
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS				4 5.1		ო	2.0	ო	1.7				
KITS NONRECUR		4.8											
EQUI PMENT			,) 5.1	_	3)	2.0	(3)	1.7				
EQUIP NONREC													
CHANGE ORDERS													
DATA				1.2							1.5		
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
4					J	4)	1.0						
٣								3)	9.0				
FY-98 3 KITS										3)	0.5		
	!!!!!!!		1	1 1 1 1 1 1			1 1 1 1 1 1 1 1 1	1	1 1 1 1	-	1	1	
TOTAL INSTALL QTY/COST						4	1.0	က	9.0	ဗ	0.5		
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	1		-	1111111	1		!	1	-	
TOTAL COST (BP-1100)		4.8		4 11.4		ю	5.0	Э	4.0		2.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUR	NDING.)											
METHOD OF IMPLEMENTATION: INSTALLATION CLS	N: INS.	TALLATION	CLS										
, ,	INITIAL	INITIAL LEAD TIME 18 MONTHS	- 18	MONTHS		FOLI	LOW-ON LEA	D TIME	FOLLOW-ON LEAD TIME 6 MONTHS	•			

*** UNCLASSIFIED *** PAGE 049-3

	AMT	1 4 1 1	8 4 8 8 8 8	2.7	1.0 0.6 0.5	2.1	27.2		1 1 1 1 4	
(0	TOTAL QTY	: :	10		4) 3)	10	100		FY-99 1 2 1	
(CONTINUED)	a	<u> </u>				1	1			
(CON	, AMT	 					 		113	
	TO COMP	<u>;</u>				İ	į		FY-98 2 1	
	TC QTY	[[] [t 5 5 5		- 1- E3	
	<u>.</u>	\$ \$!	!		1 1	
		! ! ! !					5 1 1 1 1 1		1 1 3	
LEM LEM	FY-03	!							FY-97 2 1 1	
SYS	QTY	į				į		!	н н	
ONING	AMT								4	
NAVSTAR GLOBAL POSITIONING SYSTEM :NUED)	FY-02	! !				!	 FY-98	2/98	9 9	
OBAL	PTY								FY-96 2	
AR GI		1					FY	2/97	1	
0 NAVST (CONTINUED))1 AMT	 - - - -					.NG.) FY-96	2/96	3	A.
150 (CONT	FY-01 QTY						ro ROUND	2/95 4/96	FY-95 2	FY-00 2 3
MN-3150 LAN (C	a	!			(A)	•	T TO T		7	
FACT SHEET: C-20 MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	FROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE EY-96 4 KITS EY-97 3 KITS EY-98 3 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-95 FY-95	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 049-4 *** UNCLASSIFIED ***

UNCLASSIFIED

		BUDGET ITEN (EXHIB	TEM JUSTIFICATION HIBIT P-40)				DATE FEBRUARY 1997	ty 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AII	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	NAFT MODIFICATION	NS	P-1 ITEM NOMENCLATURE: VC-25A MOD	LATURE: VC-25A M	ОО		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$9.446	\$0.937	\$10.760	\$1.058	\$0.775	\$0.794	\$0.828	\$0.897

This line item funds modifications to the VC-25 aircraft. The VC-25, a Boeing 747-200B, is a four engine long-range aircraft used for presidential support. The major modifications budgeted in FY98 is the Global Positioning System (GPS) and the Windshear Warning System (WWS). The specific modifications budgeted and programmed are below.

20,470	MOD	NOTHESTANDA	ATHIE NOTHE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
d d	3149W	WINDSHEA	H	3.5	0.2	0.1							3.8
	3150	NAVSTAR GLOBAL	GLOBAL POSITIONING SYS	8.0		1.5	0.3						9.8
	9709	GLOBAL AIR TRA	IR TRAFFIC MANAGEMENT			8.5							8.5
	866666	SERVICE	SERVICE BULLETINS	9.0	0.7	0.7	0.8	8.0	0.0	0.8	6.0		6.6
	288888	REPROGRAMMINGS	MMINGS	-2.7									-2.7
	-	CLASS P	TOTAL FOR C-25	9.4	0.9	10.8	1.1	0.8	0.8	0.8	6.0		
TOTAL	TOTAL FOR C-25	25		9.4	0.9	10.8	1.1	0.8	0.8	0.8	0.9		

Totals may not add due to rounding.

P-1 SHOPP LIST PAGÉ NO.

UNCLASSIFIED

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: WINDSHEAR WARNING SYSTEM (WWS) MN-3149W

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-25 CLASS P

TEAM MOBIL

PE 0401314F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: VC-25

DESCRIPTION/JUSTIFICATION: The airborne low-altitude Windshear Warning System (WWS) will provide an audible and visual warning of windshear, when it affects the aircraft and requires pilot to take evasive maneuvers at once. FAA mandated all transport category aircraft manufactured before 3 Jan 91 to be modified with WWS. Modification will incorporate the Allied Signal/Sundstrand Mark VII GPWS with Windshear Warning System.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN											
	PRIOR		FY-96	G	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY AMT		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	i ! ! ! !	I 1 1 1 1 1 1	t 	1			; ; ; ; ;	! ! !			
PROCUREMENT (3010)											
INSTALL KITS		2	2.2								
KITS NONRECUR			0.5								
EQUI PMENT		(2)	9.0								
EQUIP NONREC											
CHANGE ORDERS											
DATA			0.2		0.1						
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY-96 2 KITS				(1)	0.1	(1)	0.1				
			1		1 1 1 1 1 1 1 1 1	1	1	1	1	1 1 1	1
TOTAL INSTALL QTY/COST				1	0.1	н	0.1				
			1 1 1 1 1	1	1			1			
TOTAL COST (BP-1100)		2	3.5		0.2		0.1				
(TOTALS MAY NOT ADD DUE TO	TO ROUNDING.)										
METHOD OF IMPLEMENTATION:	: INSTALLATION DEPOT	N DEPOT									
ī	INITIAL LEAD TIME 3 MONTHS	IME 3 MOI	NTHS	ш	FOLLOW-ON L	EAD TIME	FOLLOW-ON LEAD TIME 3 MONTHS				

*	
UNCLASSIFIED	
*	

(CONTINUED)

FACT SHEET: C-25 MN-3149W WINDSHEAR WARNING SYSTEM (WWS) PROJECTED FINANCIAL PLAN (CONTINUED)

_	I 	2.2	0.6	0.3	:	0.2	0.2	1	3.8					
TOTAL AMT		8 6	, 0	0	•	0	0.	1	rr)					
)T QTY		2				(2)	2		Ν.					
TO COMP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1						
TO QTY							1							
FY-03 AMT	\$ \$ \$ \$ \$											96	3 4	1
P	-						1	1				FY-98	1 2	→
FY-02 AMT								1					3	H
FY QTY	! ! !						:	1		FY-98		FY-97	1 2	-1
FY-01 AMT								1	DING.)	FY-97			3 4	
FY QTY	!						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	[TO ROUN	FY-96	1/97 2/97	FY-96	2	
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-96 2 KITS	TOTAL INSTALL QTY/COST		TOTAL COST (BF-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	OUTPUT

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 FY 1998 PB

TEAM MOBIL

PE 0401314F

CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: VC-25A

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-25

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness. Modification will install a Commercial Global Positioning System (GPS) with P-Y coded capability. The modification will upgrade the FMS, incorporate a communications management unit (CMU), and replace EFIS-10 displays with new LCD flat panel displays.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-	FY-96		FY-97		FY-98		FY-99		FY-00
	QTY	AMT	QTY	AMT	QTY 	AMT	QTY	AMT	QTY 	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	0.5			7	0.5				
KITS NONRECUR				5.7								
EQUI PMENT			(1)	0.8			(1)	0.8				
EQUIP NONREC												
CHANGE ORDERS												
DATA				1.0								
SIM/TRAINER												
SUPPORT-EQUIP												
290												
INSTALLATION OF HARDWARE												
FY-96 1 KITS							(1)	0.2				
FY-98 1 KITS									(1)	0.3		
•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		!		1			1	1			-
TOTAL INSTALL QTY/COST							-	0.2	 1	0.3		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	'	1 0	 	1		1 .			1	: : : : : : : : : : : : : : : : : : : :
TOTAL COST (BP-1100)			-	0.8			-	1.5		0.3		
(TOTALS MAY NOT ADD DUE TO	TO ROUNDING.)	(· E	#C131									
METHOD OF IMPLEMENTALION	_	TIME	- 20 MONT	SH	F	TTOM-ON TE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	1S			
i				2								

*** UNCLASSIFIED *** PAGE 050-3

(CONTINUED)	
ING SYSTEM	
NAVSTAR GLOBAL POSITION	
MN-3150 NAVSTAR	(CONTINUED)
2-25	PROJECTED FINANCIAL PLAN
FACT SHEET:	PROJECTE

	Ţ.	FY-01		FY-02		FY-03	Ç	TO COMP	TOTAL	.b1.
	OTY	AMT	QTY			AMT	QTY	AMT	QTY	AMT
RDT&E (3600)					!					
OCTIDEMENT (3010)										
INSTALL KITS									8	1.0
KITS NONRECUR									l	5.7
EQUIPMENT										1.6
EQUIP NONREC										
CHANGE ORDERS										
DATA '										1.0
SIM/TRAINER										
SUPPORT-EQUIP										
290										
ISTALLATION OF HARDWARE										
FY-96 1 KITS									(1)	0.2
FY-98 1 KITS									(1)	0.3
		1 1 1 1 1 1 1	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1	1	!!!!	
TOTAL INSTALL QTY/COST									7	0.5
	[- -	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1		1 1 1 1 1 1	1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1		
TOTAL COST (BP-1100)									2	8.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	OING.)								
	FY-96	FY-97	FY-98	FY-99						
1111/ 1110/ 1111/11 HO R 1111/100		1		: : :						
CONTRACT-DATE (QIK/FI) DELIVERY-DATE (QIK/FY)	4/96 2/98		1/98							
INSTALLATION SCHEDILE:	FY-96		Ţ.	FV-97	, Y.T.	FV:-08	FV-99	ō		
QUARTERS 1 INPUT	2	3		2 3 4		2 3 4	1 2	m	_	
OUTPUT					•	н	•	~		

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB MODIFICATION TITLE AND NO: GLOBAL AIR TRAFFIC MANAGEMENT (GATM) MN-9709

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-25 CLASS P

MODELS OF AIRCRAFT AFFECTED: VC-25

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: GATM will preserve DoD access to prime global airspace routes into the 21st Century by equipping our military aircraft with state of the art systems to meet the requirements of the evolving international air traffic management system.

CENTER: OC-ALC

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN												
	H.	PRIOR	FY-96	96-	FY-	FY-97	FY	FY-98	FY	FY-99	F	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	1	1		† 	!	 	! ! !	1 2 2 3 4 1		! ! ! !	1	
PROCUREMENT (3010)												
INSTALL KITS							gerel	1.5				
KITS NONRECUR								3.0				
EQUI PMENT							(1)	2.0				
EQUIP NONREC												
CHANGE ORDERS												
DATA								1.0				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS							(1)	1.0				
	1	1 1 1 1 1	1		1		1 1 1 1 1 1	1 1 1 1 1 1 1			1	*****
TOTAL INSTALL QTY/COST								1.0				
		111111			-		1				1	1
TOTAL COST (BP-1100)							1	8.5				
(TOTALS MAY NOT ADD DUE TO	_	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION CLS	· CLS									
I	INITIAL	TIAL LEAD TIME 3 MONTHS	3 MONTH	S	FC	OLLOW-ON LE	AD TIME .	FOLLOW-ON LEAD TIME 0 MONTHS				

(GATM)	
GLOBAL AIR TRAFFIC MANAGEMENT (6	
TRAFFIC	
AIR	
GLOBAL	(CONTINUED)
6076-NM	
Σ	PL.AN
C-25	PROJECTED FINANCIAL PL
FACT SHEET:	CTED F
FACT	PROJE

(CONTINUED)

	FY- QTY	FY-01 AMT	PY	FY-02 AMT	FY OTY	FY-03 AMT	TO QTY	TO COMP	TOT QTY	TOTAL AMT	
RDT&E (3600)										1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
ROCUREMENT (3010) INSTALL KITS									1	1.5	
KITS NONRECUR EQUIPMENT										3.0	
EQUIP NONREC CHANGE ORDERS										-	
SIM/TRAINER) •	
SUFFORT EQUIF NSTALLATION OF HARDWARE FY-98 1 KITS									(1)	1.0	
TOTAL INSTALL QTY/COST	; ! !	 			-	1			1	1.0	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNI	JING.)	!	1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1	! ! !		1	8.5	
MILLESTONES	FY-96	FY-97	FY-98								
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)			1/98 2/98								
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-96 2	3	FY-97	3 4	FY-98 1 2 1	3					

UNCLASSIFIED

	American and the state of the s	BUDGET ITEM (EXHIBI	ITEM JUSTIFICATION (HIBIT P-40)				DATE FEBRUARY 1997	۲۲ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	SI	P-1 ITEM NOMENCLATURE: C-130	LATURE: C-130			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$84.035	\$101.686	\$94.511	\$104.551	\$134.463	\$135.322	\$81.462	\$112.581

This line item funds modifications to the C-130 aircraft. The four engine C-130 provides theater airlift and carries either 92 troops, 64 paratroopers, 74 litter patients, or 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

	PROG.	0.7	ľ	126.4	251.6	115.5	22.5	83.0	347.3	44.4		14.8	5.2		4.4	37.8	5.9	5.5	0.5	0.2	2.3	1.8	7.2	18.6	10.0	2 84.3	21.0	3 186.4	
COST	TO GO										25.0			3.4												10.2		38.8	
FY-03		0.1	0.1			0.2					3.1			8.8										4.7		21.6	21.0	53.0	
FY-02					8.7	1.0	1.5				2.1			8.3			0.9							4.7		14.1		40.3	
FY-01		9.0	9.0		13.9	0.6	1.9				6.1			30.0			1.5				1.9	0.1		4.6		24.6		41.1	
FY-00					43.3	20.9	2.0	1.2			6.1			34.8			2.2							4.6		13.3		0.9	
FY-99					40.7	24.2	1.9	2.6		0.4	3.8			8.6		14.1	0.8			0.1						0.1		7.2	
FY-98				5.6	23.4	14.7	4.3	9.2	4.5	2.7	3.7					14.4	0.5		0.5	0.1						0.5			
FY-97				1.7	25.5	16.1	2.6	21.4	4.4	2.2	6.3		9.0	1.3	0.4	9.4		5.5					0.2						
FY-96				5.3	24.6	11.7	0.1	14.2	5.0	3.8	0.3	7.0		5.9	4.0								0.2		2.0				
	MODIFICATION TITLE	LOW COST SAFETY MODIFICATIONS	CLASS P-S TOTAL FOR C-130	APQ-122 RADAR REPLACEMENT	AUTOPILOT/GCAS	ELECTRICAL SYSTEM UPGRADE	FUEL QTY SYS UPGRADE ON C-130H	NAVSTAR GLOBAL POSITIONING SYS	SCNS	HF AUTO COMM PROCESSOR (ACP)	AIRLIFT DEFENSIVE SYSTEMS	ABCCC MODIFICATIONS	ARMOR PLATING	ALR-69 (RWR)	AN/AAQ-22M	AERSPACE RESCUE AND RECOVERY	BLEED AIR DUCT REPLACEMENT	SKI EQUIPMENT	MISC LOW COST MODS FOR ANG	MISC SIMULATOR UPDATES	SERVICE BULLETINS	LOW COST MODIFICATIONS	BROADCAST INTELLIGENCE	TRAFFIC CONTROL/APPROACH/LANDI	COMPASS CALL	C-130H COMPASS REPLACEMENT	EC130J SPECIAL MISSION	APN-59 RADAR REPLACEMENT	
MOD	NR	9999A	υ	12603B	17605B	18600B	18603B	3150	3190	3353	3455	3458	8109	8220	8385	8424	8448	8455	966666	M66666	866666	X66666	ABCCC3	ATCALS	COMPAS	COMREP	EC130J	RADAR	
	CLASS	P-S		4																									

Totals may not add due to rounding.

P-1 SHOPP LIST	PAGE NO.	
ITEM NO. 051		
	ATITION ICIAL	

UNCLASSIFIED

FEBRUARY 1997		2003	\$112.581	1	•	5	. و	ı	ı
		2002	\$81.462	TOTAL		13.5	9.0	l	
DATE				COST	TO GO			77.4	77.4
		2001	\$135.322	FY-03				112.5	112.6
			÷	FY-02 FY-03				81.5	81.5
	C-130	2000	\$134.463	FY-00 FY-01				134.8	135.3
	CATURE		\$1	FY-00				134.5	134.5
	P-1 ITEM NOMENCLATURE: C-130	1999	\$104.551	FY-99				104.6	104.6
_	P-1 ITER		\$.	FY-98		13.5		94.5	94.5
FICATION	:	1998	\$94.511	FY-97			0.1	101.7	101.7
TEM JUSTIFICATION HIBIT P-40)	SNOI			FY-96				84.0	84.0
BUDGET ITE (EXHI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIO	1997	\$101.686		ITLE	NOISSI		TOTAL FOR C-130	
	FIVITY AF/AIRCE	1996	\$84.035		MODIFICATION TITLE	WC130J SPECIAL MISSION	AMMINGS	TOTAL	
	IDGET AC		57		MODIFI	WC130J	REPROGRAMMINGS	CLASS P	0.
	IATION/BU		Mil)	MOD	NR	WC130J	888882	C	TOTAL FOR C-130
	APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/A		COST (In Mil)		CLASS	Ь			TOTAL

Totals may not add due to rounding.

PAGE NO.		
P-1 SHOPP LIST	ITEM NO. 051	

587

UNCLASSIFIED

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: APQ-122 RADAR REPLACEMENT MN-12603B FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130E

CENTER: WR-ALC

TEAM MOBIL PE 0401115F DESCRIPTION/JUSTIFICATION: Presently the APQ-122(V)1, is installed on the C-130E Adverse Weather Aerial Delivery System (AWADS) aircraft. The modification needs to be accomplished due to the low reliability (12-18 hours MTBF). The lack of bits and pieces and of repairable assemblies has resulted in intensive management of the APQ-122 system by the depot. Modification would result in a system with field demonstrated Mean Time Between Failure (MTBF) of 150 hours, FY92 ECP will include LPI (Low Probability of Intercept) implementation in sector scan. PMD 6211(2)/12603B. 90 Mod Install (\$2.250).

AIRCRAFT BREAKDOWN: Active -- 50 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete. FY 93-94 ICS are firm fixed priced options.

PROJECTED FINANCIAL PLAN				;	;	ļ	i	;	i	•	i	•
	PRIOR)R AMT	FY-96	96 дмт	FY~97	97 AMT	FY-98	98 AMT	FY-99	99 AMT	FY-	FY-00 AMT
	,		;		:				;		: 1 : !	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	49	4.8										
KITS NONRECUR	-	7.1										
EQUI PMENT (49}	29.0										
EQUIP NONREC (1)	29.0										
CHANGE ORDERS		7.4										
DATA		4.4										
SIM/TRAINER		4.4										
SUPPORT-EQUIP		21.9		2.0								
ICS		8.9		2.9		1.7		2.6				
FLIGHT TEST												
290				0.4								
INSTALLATION OF HARDWARE												
FY-87 2 KITS												
FY-88 16 KITS												
FY-89 24 KITS												
FY-90 8 KITS (50)											
TOTAL INSTALL OTY/COST	50			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1 1 1 1 1 1 1	1	1 1 1			} !
	•		1		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			!	1	!	
TOTAL COST (BP-1100)		116.9		5.3		1.7		2.6				
(TOTALS MAY NOT ADD DUE TO	\sim	ROUNDING.) INSTALLATION DEBOT/FIELD TEAM	DEDOM/ET	MET.D. TERM								
	5	INITIAL LEAD TIME 28 MONTHS	- 28 MONT	HS SH	FO	FOLLOW-ON LEAD TIME 60 MONTHS	ND TIME -	- 60 MONTHS	ro			

*** UNCLASSIFIED ***

FACT SHEET: C-130 MN PROJECTED FINANCIAL PLAN	1-12	INOI	APQ-122 RADAR REPLACEMENT ED)	ar repla	CEMENT				0)	(CONTINUED)		
	FY-01	-01		FY-02		FY-03		TO	TO COMP		TOTAL	
	QTY	AMT	QTY	AMT		QTY	AMT	QTY	AMT	QTY		AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS										4	49	4.8
KITS NONRECUR								٠				7.1
EQUI PMENT												29.0
EQUIP NONREC												29.0
CHANGE ORDERS												7.4
DATA												4.4
SIM/TRAINER												4.4
SUPPORT-EQUIP												23.8
ICS												16.1
FLIGHT TEST												0.0
250												0.4
INSTALLATION OF HARDWARE												
FY-87 2 KITS												
FY-88 16 KITS												
FY-89 24 KITS												
FY-90 8 KITS										(20)	=	
			1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1		!		-		1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	! ! !		! ! ! !									126.4
(TOTALS MAY NOT ADD DUE MILESTONES	TO ROUNDING.)	ING.)										
	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY~96	FY-97	
CONTRACT-DATE (QTR/FY)	4/87	1/88	1/89	1/90		!			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	! ! !	
DELIVERY-DATE (QTR/FY)	2/90	1/93	2/93	4/93								

PAGE 051-2 *** UNCLASSIFIED ***

	m	113	
(CONTINUED)	FY-91 2	FY-96 2	
	H H	1 2 2 F	
		- 10.10	
	4	400	
	e C		
	FY-90 2 1	FY-95 2 6 6	
	H	9	
	4	4 9 9	
	m	6 6 9	
	FY-89 2	FY-94 2 2 2	
APQ-122 RADAR REPLACEMENT :D)	-	333	
	44	400	
	e	e	
RADAR	FY-88	FY-93 2	
122	-		
Ε,	4	4	4
3B NTIN	e	m	ю
MN-12603B AP AN (CONTINUED)	FY-87 2	FY-92 2	FY-97 2 1 1
3	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTEUT		
FACT SHEET: C-130 PROJECTED FINANCIAL PA	CHEDU S T	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
FINA	ATION SCH QUARTERS INPUT OUTPUT	ATION SCH QUARTERS INPUT OUTPUT	ATION SCI QUARTERS INPUT OUTPUT
ЗНЕЕТ СТЕD	LATI QUA	OUA O	OUA OUA
ACT &	NSTAI	NSTAI	NSTAI
ELI CLI	H	H	н

OF AIRCRAFT FY 1998 PROGRAM MODIFICATION

02/14/97

DATE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

TEAM MOBIL

PE 0401115F

EXHIBIT P3A CONGRESSIONAL

CLASS P CLC C-130

> MN-17605B MODIFICATION TITLE AND NO: AUTOPILOT/GCAS

CENTER: WR-ALC

MODELS OF AIRCRAFT AFFECTED: ALL C-130

DESCRIPTION/JUSTIFICATION: The present C-130 Autopilot has been in service since the late 1950s. The tube technology is obsolete and unsupportable due to the lack of replacement parts. A special production line is required to produce the tubes which are extremely expensive and unreliable. Current mission requirements involve overwater flights and air refueling which require a reliable Autopilot to sustain automatic flight control to alleviate aircrew fatigue and improve aircrew capability in accomplishing contingency and unconventional warfare taskings. The system includes Ground Collision Avoidance System (GCAS) capability. PMD 17605B/2264(4).

AIRCRAFT BREAKDOWN: Active -- 315 RES -- 151 ANG -- 231

DEVELOPMENT STATUS: CCB Aug 88. Flight test, Jan 1995. The installation schedule below shows two kits being installed in FY94. The second kit is for GCAS only and is purchased with FY94 dollars, but will be delivered in 3rd qtr FY94. This kit is off the shelf and does not require the 12 months leadtime. QT&E on C-130E AWADS completed. (253-GCAS/GCAS Retro, 444-Autopilot/GCAS, Total 697). Kitproof of AWADS, May 96. OT&E, Jun 96.

PROJECTED FINANCIAL PLAN	•	!	i	;	;							
	PR QTY	RIOR AMT	FY-96 QTY	-96 AMT	FY- OTY	FY-97	FY OTY	FY-98 AMT	FY- OTY	FY-99 AMT	FY. OTY	FY-00 AMT
	1		1		1	1 1 1 1 1 1			1 1			
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	103	1.1	148	5.9	108	6.8	94	1.1	112	11.4	140	13.6
KITS NONRECUR	6	5.9					-	1.7				
EQUI PMENT	(103)	4.5	(148)	15.4	(108)	14.3	(94)	2.7	(112)	20.4	(140)	23.2
EQUIP NONREC	(6)	33.7					(1)	3.7				
CHANGE ORDERS		9.0						9.0				0.5
DATA		4.7		0.5				0.5				
SIM/TRAINER	(11)	6.1										
SUPPORT-EQUIP		6.2								0.3		0.5
SOFTWARE		6.2								0.2		
WARRANTY		0.5		0.3		0.7		0.8				
FLIGHT TEST		0.2		0.4				0.1				
၁၅၀				0.1		0.2		0.2		0.2		0.2
INSTALLATION OF HARDWARE												
FY-92 1 KITS	(1)											
FY-94 111 KITS	(43)	1.8	(61)	2.1	(4)	0.4	(1)		(2)	0.1		
148					(98)	3.1	(86)	8.0	(14)	0.4		
FY-97 108 KITS							(25)	4.0	(26)	5.6		
FY-98 77 KITS							(1)		(61)	2.2	(15)	0.8
FY-99 112 KITS											(45)	4.5
FY-00 140 KITS												
			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	-	
TOTAL INSTALL QTY/COST	44	1.8	61	2.1	40	3.5	152	12.0	133	æ .3	09	5.3
TOTAL COST (BP-1100)	112	71.4	148		108	25.5	11	23.4	112	40.7	140	43.3

*** UNCLASSIFIED ***

FACT SHEET: C-130 MN-17605B AUTOPILOT/GCAS PROJECTED FINANCIAL PLAN (CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

(CONTINUED)

PAGE 051-5
*** UNCLASSIFIED ***

AUTOPILOT/GCAS	(UED)
MN-17605B	PLAN (CONTINUE!
FACT SHEET: C-130	PROJECTED FINANCIAL PL

(CONTINUED)

(60)		AMT	OTY .	AMT
(60)				
F HARDWARE KITS KITS KITS KITS KITS KITS KITS KITS			687	99.
(60)			10	7.6
(60) 6.0 (7) 0.7 (60) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.7 (80) 8				80.5
(60) 6.0 (7) 0.7 (60) 8.0 (80) 8.0 (70) 12.0 8.7 (80) 8.7 (37.4
(60) 6.0 (7) 0.7 (60) 6.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.7 (80) 8				o. u
(60) 6.0 (7) 0.7 (60) 6.0 (80) 8.0 (70) 6.0 (80) 8.0 (70) 8				
(60)				1.0
(60) 6.0 (7) 0.7 1 1.2 1.2 1.3 1.9 1.7 1 1.2 1.4 26 25 25 25 50 43 30 30 7 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.3 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1 1.2 1.2				7 9
(60)				2.3
(60)				0.7
(60)				0.9
(60) 6.0 (7) 0.7 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.0 (80) 8.7 (80) 8				
KITS KITS KITS KITS KITS KITS KITS KITS			(1)	0.0
KITS KITS KITS KITS KITS KITS KITS KITS			(111)	4.3
KITS KITS KITS KITS KITS KITS KITS KITS			140)	11.5
KITS KITS KITS KITS KITS KITS (60) 6.0 (7) 0.7 KITS (60) 6.0 (80) 8.0 COTY/COST 120 12.0 87 FY-92 FY-93 FY-94 FY-95 FY-95 FY-97 COTR/FY) 3/92 COTR/FY) 3/92 COTR/FY) 12 3 4 1 2 3 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			(100)	6.11
KITS (60) 6.0 (7) 0.7 KITS (60) 6.0 (80) 8.0 OTY/COST 120 12.0 87 8.7 1100) T ADD DUE TO ROUNDING.) EY-92 FY-94 FY-95 FY-96 FY-97 COTR/FY) 3/92 4/94 3/96 2/97 COTR/FY) 3/92 1 2 3 4 1 2 3 4 1 2 3 T T T FY-93 FY-98 FY-98 CHEDULE: FY-97 FY-98 T T T T T T T T T T T T T T T T T T T			(001)	0.0
KITS (60) 6.0 (7) 0.7 KITS (60) 6.0 (7) 0.7 KITS (60) 6.0 (80) 8.0 OTY/COST 120 12.0 87 8.7 -1100) 13.9 8.7 T ADD DUE TO ROUNDING.) EY-92 FY-94 FY-95 FY-95 FY-97 COTR/FY) 3/92 4/94 3/95 2/97 COTR/FY) 3/94 3/95 3/97 2/98 CHEDULE: FY-92 FY-93 FY-98 FY-99 T T T FY-93 4 1 2 3 4 1 2 3 T T T T T T 2 3 4 1 2 3 4 1 2 3 TT T T T T 2 3 4 1 2 3 30 30 TT T T T T T T T T T T T T T T T T T			(11)	3.0
KITS (60) 6.0 (80) 8.0 OTY/COST 120 87			(112)	11.2
OTY/COST 120			(140)	14.0
The control of the			697	53.6
(QTR/FY) 3/92 FY-93 FY-94 FY-95 FY-96 FY-97 CHEDULE: FY-92 A/94 3/95 3/97 2/98 CHEDULE: FY-97 FY-98 FY-99 FY			697	251.6
(QTR/FY) 3/92 FY-93 FY-94 FY-95 FY-96 FY-97 CHEDULE: FY-92 A/94 3/95 A/94 A/94 A/94 A/94 A/94 A/94 A/94 A/94				
(QTR/FY) 3/92 4/94 3/96 2/97 (QTR/FY) 3/94 3/96 2/97 (QTR/FY) 3/94 3/95 2/97 2/98 (CHEDULE: FY-92 FY-93 FY-94 1 2 3 4 1 2 3 1 1 2 3 4 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_		FY-01 FY-02	2
FY-92	1/98 1/99 1/99 1/00	1/00		į
FY-97	FY.	FY-95	FY - (9
FY-97 FY-98 FY-99 1 2 3 4 1 2 3 4 1 2 14 26 25 25 52 50 43 30 FY-02 4 3 4	4 1 ,	2 3 4	1 2	m
FY-97	1		25	
FY-97 FY-98 FY-99 1 2 3 4 1 2 3 4 1 2 14 26 25 25 52 50 43 30 FY-02 1 2 3 4	1	11 31	25	11
1 2 3 4 1 2 3 4 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1		0	FY-01	
14 26 25 25 52 50 43 30 14 26 25 25 52 50 43 30 FY-02 1 2 3 4	4 1	m	-1	
FY-02 1 2 3 4	30	5 15 15		35 35
FY-02 1 2 3	30 15	15	15	35 35
1 2 3				
27 2				
20 20 20				
PAGE 051-6				

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: C-130E/H/N/P/U

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130

MODIFICATION TITLE AND NO: ELECTRICAL SYSTEM UPGRADE MN-18600B

TEAM MOBIL

PE 0401115F

CENTER: WR-ALC

which makes them more susceptible to disruptive electrical transients/spikes within the system. The propeller synchrophaser, for example, has translated a low voltage condition into a loss of engine power resulting in over 30 flight mishaps from 1987 to 1989. The C-130 will continue to be a viable part of the airlift forces into the next century. The C-130 will need "clean" electrical power for all new modifications to operate properly and reliably. PMD 2264(2). tolerant of electrical power fluctuations. Modern avionic systems, however, are dependent on solid-state circuits and computer support DESCRIPTION/JUSTIFICATION: The C-130 electrical power system was designed in the 1950's. On-board equipment in use then was relatively

AIRCRAFT BREAKDOWN: Active -- 259 RES -- 113 ANG -- 171

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN	Яd	PRIOR	FY	FY-96	FY-	FY-97	FY	FY-98	FY	FY-99	FY-	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	! ! ! !	1 6 6 6 6 6 7	: : : :	t t t t t	t 	# ! ! ! !	1 1 1	1 1 1 1 1	!	: ! ! ! !	f 1 5 7	! ! ! !
	20	2.2	55	6.2	64	7.6	108	10.1	179	15.5	88	8.0
	4	10.6										
	(18)	0.3	(55)	0.4	(64)	0.4	(108)	1.7	(119)	2.0	(68)	0.4
	(9)	1.9		2.4								
				2.3								0.2
		2.6										
						2.3						
		0.1										
				0.1		0.9		0.3		0.3		1.1
INSTALLATION OF HARDWARE												
KITS	(4)											
KITS			(2)	0.3								
KITS					(18)	1.2						
KITS					(22)	3.7						
KITS							(35)	2.6	(35)	2.6		
KITS									(97)	3.8	(32)	2.6
KITS											(147)	8.6
KITS												
KITS												
KITS												
				1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	11111111	1	
TOTAL INSTALL QTY/COST	4		2	0.3	73	4.9	32	2.6	108	6.4	179	11.2
11001 moon transm		12 2		11 11 1		1 91	1001		120	0 70	1 0	
î	74	11	çç	11./	64	1.01	TOR	14./	178	7.67	S S	۷۰07

*** UNCLASSIFIED *** PAGE 051-7

FACT SHEET: C-130 MN-18600B ELECTRICAL SYSTEM UPGRADE PROJECTED FINANCIAL PLAN (CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

(CONTINUED)

PAGE 051-8
*** UNCLASSIFIED ***

FACT SHEET: C-130 MN PROJECTED FINANCIAL PLAN	-18	INUE	CTRICAL	ELECTRICAL SYSTEM UPGRADE:D)	JPGRADE				99)	(CONTINUED)		
	FY	FY-01		FY-02		FY-03	т.	TO	TO COMP		TOTAL	
	QTY	AMT	QTY	48 :	AMT	QTY	AMT	QTY	AMT	OTY :	;	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	15	0.9		6	0.5					539	6	51.1
KITS NONRECUR											4	10.6
EQUI PMENT	(15)		(6)									5.2
EQUIP NONREC												4.3
CHANGE ORDERS												2.5
DATA												2.6
SIM/TRAINER												2.3
SUPPORT-EQUIP												
FLIGHT TEST												0.1
090		0.2			0.1							5.9
INSTALLATION OF HARDWARE												
4										· •	_	0.0
2										(2)	_	0.3
FY-95 18 KITS										(18)	_	1.2
52										(22)	_	3.7
64										(64)	_	5.2
FY-98 108 KITS										(108)	_	6.4
179	(32)	2.6								(179)	_	11.2
68	(68)	5.3								(68)	_	5,3
15			(15)		0.3					(15)	_	0.3
FY-02 9 KITS					_	6)	0.2			6	_	0.2
	1 6		; i	•	•			 				
TOTAL INSTALL OTY/COST	121	6.1	12		7:0	! ! !	7.0			543		33.9
TOTAL COST (BP-1100) 15 (TOTALS MAY NOT ADD DUE TO ROUNDING.)	15 TO ROUN	9.0 DING.)	6		1.0		0.2			543		115.5
MILESTONES												
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		3/94 3/95	3/94 4/95		3/96 3/97	1/97 3/98	1/98 3/99	1/99 3/00	1/00	1/01 3/02	1/02	

PAGE 051-9
*** UNCLASSIFIED ***

FACT SHEET: C-130 M	MN-18600B E	LECTRICA	L SYSTEM UPGRADE
---------------------	-------------	----------	------------------

(CONTINUED)

	4			4	31	31				
	ю			က	30	30				
FY-96	7	2	'Y-01	2	30					
121	1 2	8	ш	7	30	30				
	4 2	7		4	47	47				
	ი ი			ო	44	44				
Y~95	7		.Y-00	2 3	44	44				
124	-		Ħ	1	44	44				
	4			4	27	27				
	က			က	27	27				
Y-94	2		FY-98 FY-99	2	27	27				
Ē	1		Ē	~						
	4			Ą	-	<u>ر</u>		4		~
	_			_	.5			_	_	
93	07		98	٠,	56	26	33	(-)	(-,	,
FY-	2		FY-	7	26	26	FY-03	2	က	~
	-			-	56			Н	ო	٣
	4			-				4	9	٧
	က			e				က	ო	17
E: FY-92 FY-94 FY-95	7		FY-97	1 2 3			FY-02	2	က	12
: E	1		Э	1			я :	7	ю	~
INSTALLATION SCHEDULE:	QUARTERS INPUT	OUTPUT	INSTALLATION SCHEDULE:	QUARTERS	INPUT	OUTPUT	INSTALLATION SCHEDULE:	QUARTERS	INPUT	OITEDITE

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: FUEL QTY SYS UPGRADE ON C-130H MN-18603B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: EC-130H/C130H

TEAM MOBIL

PE 0401115F

DESCRIPTION/JUSTIFICATION: Modification upgrades the fuel quantity system on early E/C-130H aircraft by installing externally mounted fuel probes, digital fuel quantity indicators and associated wiring. This increases reliability to an MTBF of 3,500 hours and saves an estimated 90 hours per probe when trouble shooting the system. PMD 0911(1).

AIRCRAFT BREAKDOWN: Active -- 60 RES -- 0 ANG -- 0

CENTER: WR-ALC

DEVELOPMENT STATUS: Development complete. Installation procedures being re-worked.

PROJECTED FINANCIAL PLAN												
		PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	ΕŸ	FY-00
	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	OTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	33	2.6							9	0.5	10	0.8
KITS NONRECUR		9.0				0.1		1.0				
EQUI PMENT	(23)	1.7		0.1					(9)	0.4	(01)	9.0
EQUIP NONREC	(1)	0.1										
CHANGE ORDERS								0.3				
DATA						0.1						
SIM/TRAINER							(1)	1.0				
SUPPORT-EQUIP												
TOOLING		0.2										
090												
INSTALLATION OF HARDWARE												
FY-92 3 KITS	(2)	0.1			(1)	0.2						
FY-93 11 KITS	(2)	1.3			(9	2.0						
FY-94 20 KITS	(9)	1.6			(1)	0.2	(9)	2.0	(7)	1.0		
FY-99 6 KITS											(9)	9.0
FY-00 10 KITS												
FY-01 10 KITS												
	1				1 1 1 1	1 1 1 1 1 1	1 1	1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1	1 1 1	
TOTAL INSTALL QTY/COST	13	3.0			80	2.4	9	2.0	7	1.0	9	9.0
	1	! ! ! !	:	1 1 1 1	! ! !]]]]]	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	!	1
TOTAL COST (BP-1100)		8.2		0.1		2.6		4.3	9	1.9	10	2.0
(TOTALS MAY NOT ADD DUE TO	0	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION DEPOT/FIELD TEAM	DEPOT/FI	IELD TEAM								

PAGE 051-11

*** UNCLASSIFIED ***

FOLLOW-ON LEAD TIME -- 18 MONTHS

INITIAL LEAD TIME -- 18 MONTHS

C-130H	
DE ON	
UPGRADE	
TUEL OTY SYS I	
QTY	
FUEL	CONTINUED)
4N~18603B	(CONT.
W	PLAN
C-130	ROJECTED FINANCIAL
ACT SHEET:	ECTED F.
FACT	PROJ

(CONTINUED)

																		1 4		9 F	2			
	AMT		4.7	3.4	0.3	0.1	0.2	0.0	0.3	ω. Δ ω. α	9.0	1.0	1.0	11.0	22.5			1 3	,	n 0				
TOTAL															_	FY-02		FY-96 2 1	FY-01	7	т			
	OTY		59	7					(3)	(11)	(9	(010)	(10)	09	09	FY-01	1/01 3/02	1 1 1	,	3 1	ю			
d MC	AMT													 		FY-00		ئ 1. ع		ოო				
TO COMP	QTY QTY													1 1 1 1		FY-99	1/99 3/00	FY-95	FY-00	1 2	7			
	AMT													 	! ! !	FY-98		4			2 2			
FV-03														<u> </u>	! ! ! !	FY-97		FY-94	66	0 0				
	OTY													į	! !	FY-96	!	~			7			
	AMT											0.5	1.0	1.5	1.5	FY-		4		4 0	ı m			
FV-02																FY-95	1 1 1	m		ოო	m			
À.	OTY											(2)	(10)	15	 		2/94	FY-93	FY-98	3 5				
	[[! !	0.8	9.0								0.5		0.5	1.9			4		4 4	٠,		77' 1	5 10
7	AMT			_										! ! !		FY-93	2/93	m			, ,		mı	3 1
10_va	QTY	 	10	10)								5)		2	10 TO ROUNDING.)	FY-92	2/92	FY-92 2	FY-97	2 1		FY-02		r 7
		•		~				NWARE	IS SI	ខ្ម	ស ឆ	Si	ເຣ	//COST	DUE		rR/FY) rR/FY)	SDULE:	SDULE:	~	1	EDULE:	- 1 (3 2
		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS	DATA STM/TRATNER	SUPPORT-EQUIP TOOLING	OGC TNSTATLATION OF HARDWARE	FY-92 3 KITS	11	FY-94 20 KITS	10	10	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE	Milestones	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE:	QUARTERS	TUTENT	INSTALLATION SCHEDULE:	QUARTERS	INPUT

PAGE 051-12
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

TEAM MOBIL DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space-based radio navigation system that will provide suitably PE 0401115F CLC C-130 CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: ALL MODELS OF C-130

equipped host vehicles with highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather

DEVELOPMENT STATUS: RDI&E complete.

AIRCRAFT BREAKDOWN: Active -- 228 RES -- 120 ANG -- 212

to improve mission effectiveness.

1.2 1.2 AMT FY-00 QTY 31) 2.6 AMT FY-99 93 QTY 93) 2.0 0.2 2.9 0.9 0.2 9.2 AMT FY-98 31 213 OTY 31) (142) 31 15.5 2.0 9.0 3,3 3.3 21.4 AMT FY-97 164 142 164 OTY 10.4 (164) (142) 1.5 0.3 1.5 1.5 14.2 AMT FY-96 0.2 0.8 (55) 142 142 (142)QTY 2.5 10.3 16.1 0.5 1.0 1.5 1.0 34.3 AMT PRIOR (221) 223 26 221 5) QTY TOTAL INSTALL QTY/COST PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) KITS KITS KITS KITS KITS PROCUREMENT (3010) CHANGE ORDERS SUPPORT-EQUIP KITS NONRECUR INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER FLIGHT TEST 142 142 **EQUIPMENT** SOFTWARE FY-94 FY-95 FY-96 FY-98 FY-92 FY-97 000

PAGE 051-13

*** UNCLASSIFIED ***

FOLLOW-ON LEAD TIME -- 24 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

INITIAL LEAD TIME -- 9 MONTHS

SYSTEM	
NAVSTAR GLOBAL POSITIONING SYSTEM	
GLOBAL	
NAVSTAR	(CONTINUED)
MN-3150	
: C-130	INANCIAL
FACT SHEET:	PROJECTED FINANCIAL PLAN

(CONTINUED)

!	Į.	2	ı es	6	2	0	2	7		ם ע	1 0	:	7	3	3	0	9	2	į (o	!	0					4	7	7		4	-	7
AMT		6.2	10.3	44.9	0.5	1.0	1.5	·	•	y	ic	5	0.2	2.3	3.3	4.0	4.6	1.2	15.6		83.0					ო	7	7	_	ო	10	10
TOTAL	i	_																		i	_				FY-95	7	7	7	FY-00	7	10	10
QTY		558	2										5)	16)	142)	142)	164)	31)	560		260		00	!		7				Н	10	10
_ !															_	_	Ĭ	_	!	ļ			FY-00	! !		4	က	m		4	9	9
MP AMT																			!				FY-99	1 1 1		က	7	2		3	53	53
TO COMP	1																		1	1					FY94	7			FY-99	2	53	29
T																				1			FY-98	2/98		~				-	53	29
탈																				;			FY-97	2/97 3/98		4				4	28	28
03 AMT																								3 %		٣				က	28	28
FY-03	.																		1	!			FY-96	2/96 3/97	FY-93	7			FY-98	7	57	21
OLY																			!	ŀ			95			7				-	56	26
AMT																				-			FY-95	2/95		4				4	46	46
FY-02 Al																			1				FY-94	2/94 2/95		ო				c	46	46
EY QTY																			!	!					FY-92	7			FY-97	7	46	46
a l																			1	ì			FY-93			П				-	50	20
AMT																				1		- :	FY-92	3/93 2/94		4				4	15	15
FY-01																			•	į		DING	FΥ	3/93		က				m	4	4
E) QTY																			1			TO ROUN	FY-91		FY-91	7			FY-96	2	m i	ო
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	SOFINGRE FIIGHT TEST	060	INSTALLATION OF HARDWARE	FY-92 5 KITS	91	FY-95 142 KITS	142 R		FY~98 31 KITS	TOTAL INSTALL QTY/COST			(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	OUTPUT	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	OUTPUT 1

PAGE 051-14

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MN-3190 MODIFICATION TITLE AND NO: SCNS

02/14/97

FY 1998 PB DATE

CENTER: WR-ALC

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 TEAM MOBIL

PE 0401115F

MODELS OF AIRCRAFT AFFECTED: C-130B/E/H/N/P

without external navigation aids, since in battle zones navigation aids are likely to be shut down or jammed. The SCNS will improve the permits aircrews to preload mission data in ground facilities for digital transfer vs manual loading on aircraft saving many manhours. FY93 ECP's's include dual inertial navigation system & OFP update. FY96/97/98 funds High Speed Processor upgrade to allow SCNS to function properly with on going and planned avionics, and software upgrades. PMD: 3115(3)/3190. C-130 mission success likelihood, particularly on low level missions. The SCNS will be procured as a single entity and will include: DESCRIPTION/JUSTIFICATION: Equips C-130 aircraft with a Self-Contained Navigation System (SCNS). The SCNS will enable C-130s to operate Inertial Navigation Unit (INU), doppler velocity sensor, cockpit display unit, and an air data computer. Data Transfer System (DTS)

AIRCRAFT BREAKDOWN: Active -- 256 RES -- 120 ANG -- 173

(549) differ because 10 kits were procured separately prior to FYB7 thereby reducing the number of kits required to be purchased under this mod, and 139 kits were installed via Depot/Field Team. DEVELOPMENT STATUS: Note: total kit procurements (539 kits), total installation line (400 kits), and total kits actually installed

PROJECTED FINANCIAL PLAN												
	д	RIOR	FY.	FY-96	FY-	FY-97	FY-	FY-98	FY	FY~99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	! ! ! !	1 - - - - - - -	!		1	 	!	1	1		! ! !	t t t t
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	535	24.9										
KITS NONRECUR	4	14.4										
EQUIPMENT	(532)	133.1										
EQUIP NONREC	(1)	17.1										
CHANGE ORDERS		8.5										
DATA		0.9										
SIM/TRAINER		26.1										
SUPPORT-EQUIP		31.1										
BENCH MOCK-UP		7.2										
TOOLING/EAP		50.0										
ICS		6.7		5.0		4.4		4.5				
INSTAL		4.9										
INSTALLATION OF HARDWARE												
FY-90 517 KITS	(418)											
FY-92 14 KITS	(14)	2.6										
FY-93 8 KITS	(7)	0.8										
] 		1	1	1							
TOTAL INSTALL QTY/COST	439	3.4										
		į	1 1	1 1 1 1 1 1	1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		!	+	:	
TOTAL COST (BP-1100)	539	333.4		5.0		4.4		4.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	N: INS	TALLATION	DEPOT/FI	ELD TEAM								

*** UNCLASSIFIED *** PAGE 051-15

FOLLOW-ON LEAD TIME -- 7 MONTHS

INITIAL LEAD TIME -- 24 MONTHS

	1	!	64111201112096 98 <u>9</u>	. 4	iω	440	
	AMT		24.9 14.4 133.1 17.1 8.5 6.0 26.1 31.1 31.1 20.6 4.9	3.4	347.3	2 8 3	
	TOTAL	i	4 A B B B B B B B B B B B B B B B B B B			FY-94 2 11 15	
NUED)	QTY		535 4 (418) (14)	439	539	1 19 22	
(CONTINUED)	E	! !		! !	1 1 1	4 25 18	
Ü	COMP	6 1 1		; ! !	 	93 3 24 28	
	TO COMP QTY A	1 !		!	! ! !	FY-93 2 23 22	
	Ø	į		i I		1 29 77	
	AMT	! ! ! !		 - 	FY-96	4 25 23	
	FY-03			! 6 1	95	92 3 51 53	
	POTY	 			FY-95	FY-92 2 41 42	
		! !			-94	1 1 3 37 5 46	
	2 AMT	 				3 4 9 48 1 46	e Y
	FY-02	i		'	FY-	3/95 FY-91 2 3 31 39 31 41	FY-96 2 :
	QTY	 		!	FY-92	3/94 1 37 35 35	1 FY
SCNS IUED)	AMT	 		! !	ING.) FY-91	4 37 35	4.66
NTIN	FY-01	! !		ļ	NDING FY	3 27 21	m m 0
33	FQTY	; ; ;		! !	TO ROUN FY-90	3/90 FY-90 2 14 11	FY-95 2 2 8
I PL			O) HARDWARE KITS KITS	QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-90 FY-9 CONTRACT-DATE (QTR/FY) 1/90	(QTR/FY) SCHEDULE: 1 TT 1 TT 1	CCHEDULE: 1S 1 IT 8
FACT SHEET: C-130 PROJECTED FINANCIAN		RDT&E (3600)	MENT (301 LL KITS NONRECUR MENT NONREC E ORDERS RAINER RT-EQUIP MC/EAP MG/EAP LL LL ATION OF 517 14	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DU MILESTONES CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY) INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
FACT		RDT&E	PROCUREME INSTALJI KITS NG EQUIPNG EQUIP NG CHANGE DATA SIH/TRA SUPPORT ICS INSTALLA INSTALLA INSTALLA INSTALLA FY-92 FY-93	TOTAI	TOTAI (TOTA MILES	DELIN INST?	INST

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC C-130 TEAM MOBIL

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: HF AUTO COMM PROCESSOR (ACP)

MODELS OF AIRCRAFT AFFECTED: C-130E/H

PE 0401115F CENTER: WR-ALC MN-3353

DESCRIPTION/JUSTIFICATION: This modification supports the Airlift Mobility Command's Command and Control (C2) system upgrade. It, along with several additional multiple weapon system mods, provide the enhancements and upgrades to the airborne segment of the AMC C2 system automatic addressing with address protection, channel evaluation and frequency management. Also jam resistance/avoidance through slow frequency hopping will be provided. PMD: 0924(1)/T3353. upgrade. Specifically this modification improves the performance of the AN/ARC-190 HF radio by adding automatic channel scanning, AIRCRAFT BREAKDOWN: Active -- 236 RES -- 136 ANG -- 244 DEVELOPMENT STATUS: CCB May 89. Total group A kits required is 684, which includes 105 new A/C produced between FY91 and production cut-in starting FY95; 368 on hand. Total group B required is 731 qty is one per 637 SCNS A/C (includes new production) and two per 47 SOF A/C. 471 are provided at no cost--excess from other A/C; E-4: 4; C-141: 282, C-5: 126, KC-10: 59.

PROJECTED	PROJECTED FINANCIAL PLAN	λ±C	PRIOR AMT	FY-96	96 TMA	FY-97	97 AMT	FY-	FY-98 AMT	FY-	FY-99 AMT	FY	FY-00 AMT	
				, ! ! !		. !		! ! !			1 1 1			
RDT&E (3600)	(009)													
PROCUREMENT (3010)	rr (3010)													
INSTALL KITS	KITS	775	0.9	216	9.0	204	9.0	72	0.4					
KITS NONRECUR	IRECUR	(13)	0.4											
EQUI PMENT	T	(250)	10.2					(27)	1.0					
EQUIP NONREC	INREC	(13)	1.0											
CHANGE ORDERS	RDERS		0.6		1.8		6.0							
DATA			7.4											
SIM/TRAINER	NER			(11)										
SUPPORT-EQUIP	EQUIP		1.3		0.4									
250														
INSTALLAT	INSTALLATION OF HARDWARE													
FY-90	43 KITS													
FY-91	36 KITS													
FY-92	349 KITS													
FY-93	243 KITS													
FY-94	104 KITS			(130)	1.1									
FY-96	216 KITS					(63)	0.7							
FY-97	204 KITS							(197)	1.3					
FY-98	72 KITS									(09)	0.4			
		1 1 1	1 1 1 1 1 1 1		1	!				1	1 1 1 1 1 1	1		
TOTAL IN	TOTAL INSTALL QTY/COST			130	1.1		0.7	197	1.3	09	0.4			
		1 1 1 1		!!!!!	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ·				;		
TOTAL CC	TOTAL COST (BP-1100)	775	35.3	216	3.8	204	2.2	72	2.1		0.4			
(TOTALS	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	IE TO ROU!	NDING.)											
METHOD (METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION	ON: INS	TALLATION	COMBINAT	NOI	i								
		INITIAL	INITIAL LEAD TIME 12 MONTHS	- 12 MONT	HS	FO	LLOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 9 MONTHS					

PAGE 051-17

*** UNCLASSIFIED ***

**	
UNCLASSIFIED	

(CONTINUED)

HF AUTO COMM PROCESSOR (ACP)

MN-3353

FACT SHEET: C-130

PROJECTED FINANCIAL PLAN		(CONTINUED)											
		FY-01 AMT	QTY	FY-02	AMT	FY-03 QTY)3 AMT	TO QTY	TO COMP		TOTAL QTY	AL AMT	
RDT&E (3600)] 	; ; ; ; ;			i !	! ! !	f 1 1 1 1 1	! ! !] 	i !	i !	! ! ! ! !	ł
PROCUREMENT (3010)													
INSTALL KITS										Н	1267	7.6	9
KITS NONRECUR												0.4	4.
EQUIP NONREC												1	v 0
CHANGE ORDERS												11.6	9
DATA												7.	4
SIM/TRAINER													
SUPPORT-EQUIP												1.7	7
090												0	0
INSTALLATION OF HARDWARE													
FY-90 43 KITS													
FY-91 36 KITS													
349													
243								.*					
104										(1	130)	1.1	7
216										_	93)	0.7	7
FY-97 204 KITS										()	197)	1,	3
FY-98 72 KITS										_	(09	0.4	4
	!	1	-		1		1	1		 -			
TOTAL INSTALL OTY/COST	1		1							i	480	3.4	4 1
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)								•	1267	44.4	. 4
MILESTONES													
	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99			
יסט/ משט/ משאל שסאמשוויסט		1 6	1 (0)	1007	1 70, 7	1	2076	1 60	1 00/	! ! !			
CONTRACT-DAIE (QIR/FI) DELIVERY-DATE (QIR/FY)	3/90 3/91	4/91 3/92	3/93	4/93	3/96		3/96 1/97	1/9/	1/99				
INSTALLATION SCHEDULE:	FY-95		FY-	FY-96		FY-97		FY	FY-98		FY-99	66	
QUARTERS 1	2	3 4		2 3	29 10	2 09		1 2	2 3	4 4 1	1 2 5	3	4 در
OUTPUT					29 10	09	60 64				15 15	15	15

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P

PE 0401115F TEAM MOBIL

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455

DESCRIPTION/JUSTIFICATION: The C-130 users have had long standing mission need for electronic warfare defensive systems which will improve aircrew survivability. The electronic warfare defensive systems will consist of a missile warning receiver, and a flare and chaff dispenser. PMD: 9246(2) C-MNS directed installation of ALQ-131 pod on 19 C-1302 (AWADS) and 10 AFRES C-130H aircraft. All ALQ-131 installs occured in FY96/1.

CENTER: WR-ALC

MODELS OF AIRCRAFT AFFECTED: C-130, E, H

DEVELOPMENT STATUS: N/A.

AIRCRAFT BREAKDOWN: Active -- 208 RES -- 18 ANG -- 71

PROJECTED FINANCIAL PLAN	AL PLAN	ă	PRIOR	FY	FY-96	FY	FY-97	F	FY-98	G	FY-99	FY	FY-00
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)			2.3										
PROCUREMENT (3010)												;	,
INSTALL KITS		156	5.7			27	2.0	14	1.1	9	0.5	20	1.6
KITS NONRECUR		(1)	3.2										
EQUI PMENT		(156)	27.8			(27)	4.1	(14)	2.2	(9)	1.0	(02)	3.3
EQUIP NONREC													
CHANGE ORDERS													
DATA			0.4										
SIM/TRAINER		(11)	0.3										
SUPPORT-EQUIP			4.2				0.1		0.4				0.1
FLIGHT TEST			0.4								0.1		
290													
INSTALLATION OF HARDWARE	RDWARE												
FY-92 18 KI	KITS	(18)	1.7										
FY-93 30 KI	KITS	(06)	2.2										
FY-94 102 KI	KITS		5.1	(52)	0.2								
FY-95 6 KI	KITS			(4)									
FY-97 27 KI	KITS									(29)	2.3		,
FY-98 14 KI	KITS											(14)	1.2
FY-99 6 KI	KITS												
20	KITS												
FY-01 19 KI	KITS												
FY-03 5 KI	KITS												
FY-04 50 KI	KITS												
		!				1	1	1	1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			
TOTAL INSTALL QTY/COST	Y/COST	125	0.6	29	0.3	 	1	1	 	29	2.3	14	1.2
1100)	1001	156	0.12		6.0	27	6.3	14	3.7	9	3.8	20	6.1
(TOTAL COSI (BE-1100)	מחבי		BOTTUNING 1		•	i) •	;	•			1	
METHOD OF IMPLEMENTATION:	TENTATION	,	INSTALLATION DEPOT FIELD TEAM	DEPOT E	LELD TEAM								
		Ţ	INITIAL LEAD TIME 9 MONTHS	- 9 MONTE	ts	121	OFFOM-ON F	EAD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	HS			

*** UNCLASSIFIED *** PAGE 051-19

SYSTEMS	
DEFENSIVE	
AIRLIET	ONTINUED)
MN-3455	9
FACT SHEET: C-130	PROJECTED FINANCIAL PLAN

(CONTINUED)

	FY QTY	FY-01 AMT	QTY	FY-02 AMT		FY-03 QTY	s AMT	TO QTY	TO COMP	QTY	TOTAL AMT			
RDT&E (3600)		1			: 		1	1	 			ı		
ROCUREMENT (3010) INSTALL KITS	19	1.6				'n	0.4	50	4.4	1 297		01		
KITS NONRECUR EQUIPMENT	(19)	3.2			~	5)	6.0	(20)	9.0		3.2	61.10		
EQUIP NONREC CHANGE ORDERS											c	_		
DATA SIM/TRAINER									4	0	2.4	·		
SUPPORT-EQUIP		0.8			0.3		0.1		2.4		4.0			
000														
ATION OF														
18										(18)	:			
30										(08)	2.2	6 1		
102										(102)	5,3	m		
9										(+	0	•		
27										(29)	2.	m		
14										(14)	1.	01		
9	(9)	0.5								(9)	0.	10		
FY-00 20 KITS			(20)		1.7					(20)				
19					~	19)	1.7			_	1.	_		
								(2)	0.5	~	0	.0		
FY-04 50 KITS								(09)	4.	_	4	_		
TOTAL INSTALL QTY/COST	9	0.5		 	1.7	19	1.7	55	5.2		21.8			
TOTAL COST (BP-1100)	19	6.1		!	2.1		3.1	50	25.0	297	107.4			
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	E TO ROUN	DING.)												
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02 FY		FY-05	FY-06
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	2/92 1/93	1/93	1/94 1/95	4/95 2/96	2/97 4/97	2/97 2/99	1/98		1/00	1/01		1/03 1/04 1/05 1/06		

PAGE 051-20
*** UNCLASSIFIED ***

SYSTEMS	
AIRLIFT DEFENSIVE SYSTEMS	
AIRLIFT	
MN-3455	
c-130	
FACT SHEET:	

(CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

TNSTALLATION SCHEDULE:	FY-92	٥.			F.Y - 9	m			FY-9	4			FY-95				FY-96			
QUARTERS 1			3 4	1	1 2 3	ا	4	1	1 2		4	-	2	e	4	-	1 2 3 4 1 2	ю	₹7	
INPUT				m	5	ı,	5	œ	80	7	7	19	19	19	20	24	7			
OUTPUT				ю	2	2	S	œ	80		7	19	19	19	20	24	7			
INSTALLATION SCHEDULE:	FY-9.	7			FY-9	80			FY-9	6			FY-00				FY-98 FY-99 FY-01			
QUARTERS 1	2	m	4	1	2	m	4	1	2	က	4	1	2	က	4	1	7	m	4	
INPUT										13	14	4	4	٣	3	e	ю			
OUTPUT										13	14	4	4	3	ю	3	ю			
INSTALLATION SCHEDULE:	FY-02	C1			F.Y - 0	m			FY-04	4			FY-05				FY-06			
QUARTERS 1	2	က	4	1	1 2	٣	4	1	2	က	4	1	2	r	4	1	1 2 3	က	4	
INPUT 5	S	S	5		5	ഹ	4					1	7	1	1	12	12 13	12	13	
OUTPUT	s.	Ç,	ı,	u,	S	r.	4					1	2	-	1	12	13	12	13	

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC C-130

MODELS OF AIRCRAFT AFFECTED: EC-130E

These modifications will ensure ABCCC interoperability with existing US/Allied theater C3 elements. Integration of network. To meet the JCS requirement for three SATCOM systems per capsule, additional ARC-197 radios will be installed in existing capsules. Integration of AN/ARC-222 radio will provide secure anti-jam VHF FM SINCGARS-V communications with other battlefield elements. PMD: 5263(6)/2741GF. Converts Joint Tactical Information Distribution System (JTIDS) from Joint Message Standard (JMS) to Tactical Digital Information Link J (TADIL-J), the new DOD message standard. Replaces class 1 JTIDS with 2H JTIDS terminals. TEAM INFO JTIDS class 2 terminals into the ABCCC provides the capability to receive, process and display information interchanged over a JTIDS 0207419F E CENTER: ESC MN-3458 MODIFICATION TITLE AND NO: ABCCC MODIFICATIONS DESCRIPTION/JUSTIFICATION:

AIRCRAFT BREAKDOWN: Active -- 14 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: The JTIDS first article is integrated into an operational system (A/C and capsule). SINCGARS first article scheduled to complete 2/97.

PROJECTED FINANCIAL PLAN												
	P. QTY	PRIOR AMT	FY-96 QTY	96 AMT	FY-97 QTY	37 AMT	FY. QTY	FY-98 AMT	FY-99 QTY	99 AMT	FY QTY	FY-00 AMT
RDT&E (3600)		8.1		1.9		0.3		1	!			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PROCUREMENT (3010)												
INSTALL KITS	7	9.0	7									
KITS NONRECUR		0.3		0.2								
EQUIPMENT	(,,)	1.7	(7)	5.6								
EQUIP NONREC		2.1		0.4								
CHANGE ORDERS												
DATA		0.4		0.3								
SIM/TRAINER												
SUPPORT-EQUIP		2.3										
INSTALLATION OF HARDWARE												
FY-93 1 KITS	1)	0.1										
FY-94 6 KITS	(9)	0.3										
FY-96 7 KITS			(1)	0.5								
	1	1	!						1 1 1 1 1			
TOTAL INSTALL QTY/COST	7	0.4	7	0.5								
	1 1 1	1	1			1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
TOTAL COST (BP-1100)	7	7.8	7	7.0								
(TOTALS MAY NOT ADD DUE TO ROUN	TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM	SNI :	TALLATION	CONTRACT	FIELD TEAN			!		,			
. '	INITIAL	INITIAL LEAD TIME 12 MONTHS	- 12 MONT	HS	FOI	CLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	'n			

*** UNCLASSIFIED *** PAGE 051-22

FACT SHEET: C-130 MN PROJECTED FINANCIAL PLAN	1-34	58 ABCCC (CONTINUED)	ABCCC MODIFICATIONS TUED)	ATIONS						(CONTINUED)	UED)		
	FY-	FY~01		FY-02		FY-03	9	H	TO COMP		7.	TOTAL	
	QTY	AMT	QTY		AMT Q	QTY	AMT	OTY		AMT	QTY	AMT	MT
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS											14		9.0
KITS NONRECUR EQUIPMENT													7.3
EQUIP NONREC												.,	2.5
CHANGE ORDERS												•	
DATA												_	0.7
SUPPORT-EQUIP													2.3
INSTALLATION OF HARDWARE													
-										_	1)	Ŭ	0.1
FY-94 6 KITS										_	(9	Ŭ	0.3
FY-96 7 KITS										J	1)	Ŭ	0.5
	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		! !			
TOTAL INSTALL QTY/COST	1	. :									14		6.0
TOTAL COST (BP-1100)											14		14.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUND	ING.)											
	FY-92	FY-93	FY-94	FY-95	FY-96								
יאשו משטר ששאם שטאנטשאניט				!	20/6								
CONTRACT-DATE (VIK/FI) DELIVERY-DATE (QTR/FY)		1/94	2/95		2/97								
INSTALLATION SCHEDULE:	FY-92		FY-93	93		FY-94		Ŀ	FY-95		Œ	FY-96	
QUARTERS 1 INPUT OUTPUT	2	3	1 2	m	4	7 - 7 - 7	ю Ф	-	3 9	4	1	2 3 7 1 1	4

PAGE 051-23
*** UNCLASSIFIED ***

ė,

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL

PE 0401115F

CLC C-130 MN-8220

DESCRIPTION/JUSTIFICATION: CSAF validated C-MNS implemented by SAF/AQQ 25/2282 Msg PMD. Aircrews flying missions in support of Provide Promise are being subjected to an increasing level of electronic threats which need to be modified so not to impact our worldwide airlift mission PMD 2264(3). Installs ALR-69, RWR, on 366 C-130 aircraft. Provides airborne warning of all AAA, interceptors, and surface-air threats. Completes C-130 fleet for all aircraft already equipped with Airlift Defensive System.

CENTER: WR-ALC

MODIFICATION TITLE AND NO: ALR-69 (RWR) MODELS OF AIRCRAFT AFFECTED: C-130E/H

DATE 02/14/97 FY 1998 PB AIRCRAFT BREAKDOWN: Active -- 104 RES -- 74 ANG -- 105

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	All-C	PRIOR	FY-	FY-96	FY-	FY-97	FY-	FY-98 AMT	FY-	FY-99	FY.	FY-00
	117	1111		11			113	100	113			1 1 1 1 1 1 1 1 1 1
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	64	3.2	16	9.0					16	0.7	82	3.6
KITS NONRECUR	2	5.0		0.1								
EQUIPMENT	(62)	11.4	(16)	3.8					(16)	4.3	(85)	22.5
EQUIP NONREC												
CHANGE ORDERS		1.1										
DATA		1.0										
SIM/TRAINER		1.4										4.8
SUPPORT-EQUIP		3.9		1.4						3.6		3.9
290										0.1		0.1
INSTALLATION OF HARDWARE	Ed)											
FY-94 39 KITS	(68)	3.9										
FY-95 27 KITS	(21)	0.8			(9)	0.3						
FY-96 16 KITS					(16)	6.0						
FY-99 16 KITS												
FY-00 82 KITS												
FY-01 82 KITS												
FY-02 7 KITS												
FY-03 9 KITS												
FY-04 5 KITS												
	i				1 1 1	1			1		1	
TOTAL INSTALL QTY/COST	r 60	4.7		1 1 1 1 1 1	22	1.2		1	!	 		
TOTAL COST (BP-1100)	99	31.7	16	5.9		1.3			16	9.8	82	34.8
(TOTALS MAY NOT ADD DUE TO ROUNDING,	JE TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY	ION: INS	TALLATION -	- CONTRACT	OR FACILIT								
	INITIA	INITIAL LEAD TIME 2 MONTHS	2 MONTH	S	H	FOLLOW-ON LEAD TIME 3 MONTHS	AD TIME	3 MONTH	70			

*** UNCLASSIFIED ***

Property Property	PROJECTED FINANCIAL PLAN		(CONTINUED)											
Color Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off Mart Off					FY-02				TO	COMP				
1		OTY	AMT	TO	į	IMT	QTY 	AMT	OTY 	AMT	OTY		AMT	
1 1 1 2 2 2 2 2 2 2	RDT&E (3600)													
RATION RECTORDILE; FY-96 FY-97 FY-97	PROCUREMENT (3010) INSTAIL KITS	83	ď		7	6	•	0.4	រប	Ć		_	12.7	
RETORNER CHANGALING CHANG	KITS NONRECUR	3	,	_			`)			. 2	5.1	
HARDWARE KITS KITS KITS KITS KITS KITS KITS KITS	EQUI PMENT	(82)	23.	_	2	2.0 (6	2.6	(2)	ï	.c		71.0	
HARDMARE KITTS KITTS KI	CHANGE ORDERS												1.1	
KKTS KKTS KKTS KKTS KKTS KKTS KKTS KKTS	DATA												1.0	
HARDWARE KITS KITS KITS KITS KITS KITS KITS KITS	SIM/TRAINER		c	~									6.1	
KUTS KUTS KUTS KUTS KUTS KUTS KUTS KUTS	SOFFORT		, 0	· _		0.3				0	_		9.0	
(16) 1.1 (82) 5.6 (82) 5.8 (7) (15) (11) (11) (15) (11) (15) (11) (15) (11) (15) (11) (15) (11) (15) (11) (15) (11) (15) (11) (15) (11)						!								
[16]	39										39	_	3.9	
16	27										(27	_	1.1	
(16)	16										(16	_	0.9	
1 1 1 1 1 1 1 2 2 3 4 4 4 4 4 4 4 4 4	16	(16)	-					•) 1:6	_	1.1	
FY-94 FY-95 FY-96 FY-00 FY-01 FY-02 FY-02 FY-02 FY-03 FY-04 FY-04 FY-04 FY-05 FY-04 FY-05 FY-04 FY-05 FY-04 FY-05 FY-06 FY-07 FY-06 FY-07 FY-08 FY-07 FY-08 FY-07 FY-08 FY-07 FY-08 FY-07 FY-08 FY-07 FY-08 FY-07 FY-08 FY-07 FY-08 FY-0	82			8	(;	5.6					(82	~	5.6	
FY-94 FY-95 FY-95 FY-96 FY-94 FY-96 FY-94 FY-94 FY-94 FY-95 FY-96 FY-9	82					_	82)	5.8			& _	_	5.8	
FY-94 FY-95 FY-96 FY-96 FY-96 FY-97 FY-97 FY-99 FY-9	۲ ،									0			0.0	
FY-94 FY-95 FY-96 FY-09 FY-0	טייט								. (6	. 0			0.4	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$)				-		-		: -		. !	. 1		
FY - 94 FY - 95 FY - 96 FY - 97 FY - 98 FY - 97 FY - 98 FY -	TOTAL INSTALL QTY/COST	16	1.	į	32	5.6	82	5.8	21	1.	i	e 1	20.0	
FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 FY-04 FY-05 3/94 3/95 4/96 1/96 2/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/99 1/96 2/97 1/99 1/96 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/97 1/99 1/00 1/01 1/02 1/03 1/04 1/96 2/97 1/96 1/96 1/96 1/96 1/99 1/00 1/01 1/02 1/03 1/04 1/96 1/96 1/96 1/96 1/99 1/09 1/01 1/02 1/03 1/04 1/96 1/96 1/96 1/96 1/99 1/09 1/01 1/02 1/03 1/04 1/96 1/96 1/96 1/96 1/99 1/09 1/09 1/09 1/09 1/09 1/09 1/09	TOTAL COST (BP-1100)	82	30.0	1	7	ε.	6	8.8	5	3.4			132.8	
FY-94 FY-95 FY-95 FY-95 FY-95 FY-96 FY-06 FY-07 FY-96 FY-97 FY-96 FY-96 FY-97 FY-97 FY-97 FY-96 FY-97 FY-96 FY-97 FY-9	(TOTALS MAY NOT ADD DUE	TO ROUN	DING.)											
3/94 3/95 4/96 1/09 1/00 1/01 1/02 1/03 1/04 1/05 1/06 1/01 1/05 1/06 1/06 1/01 1/05 1/06 1/06 1/06 1/06 1/06 1/06 1/06 1/06	MILESTONES	FY-94	F.Y - 95	FY-96		FY-98	FY-99		FY-01	FY-02	FY-03	FY-04	FY-0	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$:								:			
FY-94 FY-95 FY-96 FY-97 FY-97 FY-98 FY-98 2		3/94	3/95 1/96	4/96			1/99	1/00	1/01	1/02	1/03 1/05	1/04		
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 3 2 2 3 4 3 3 4 3 3 4 3 3	INSTALLATION SCHEDULE:	FY-94		G	-95		FY-96		FY-	-97		FY-98		
1 18	QUARTERS 1	2	3 4	-		4	7	3			4 1	7	e	
FY-99	INPUT		1 18				7	4 10		15	12			
FY-99 FY-01 FY-03 FY-03 FY-03 FY-03 FY-04 FY-04 FY-05 FY-05 FY-06 FY-06 FY-06 FY-06 FY-06 FY-06 FY-06 FY-06 FY-06 FY-06 FY-06 FY-07 FY-06 FY-07 FY-06 FY-08 FY	OUTPUT		1 18				8	4 10		15	12			
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 2 2 2 1 3 2 2 2 1 3 2 2 2 1 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 4 4 4 4 2 1 2 2 2 2 1 3 2 2 2 1 1 1 1 2 3 4 4 4 4 2 1 2 2 4 4 4 4 4 2 1 2 1 2 2 4 4 4 4	INSTALLATION SCHEDULE:	FY-99		Œ	00-		FY-01		FY-	-02		FY-03		
FY-04 FY-04 FY 0	QUARTERS 1	2	3	1		4	7	3 4		ю				
FY-04 FY-05 FY-06 1 2 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 1 1 2 2 2 2 1 3 2 2 2 1 1 2 2 2 2	INPUT					4	4	4 4		20				0
FY-U4 FY-U5 FY-U5 FY-U6 1 2 3 4 1 2 3 4 1 2 3 2 2 2 1 3 2 2 2 1 1 1 2 2 2 1 3 2 2 2 1 1 1 PAGE 051-25 *** UNCLASSIFIED ***	OUTPUT	i		i	į	4	4	4		20				_
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 5 2 2 1 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 1 3 2 2 2 2	INSTALLATION SCHEDULE:	F.Y - 04		Ξ,		•	90-12	,						
2 2 2 1 3 2 2 2 1 1 1 1 2 2 2 2 1 1 1 1			4. 1	٦,		a	Ν.	v) ,						
PAGE 051-25			7 C	יז ני		7 6		7 6						
UNCLASSIFIED			4	,		PAGE	051-25							
					* *		SIFIED	***						

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

TEAM AIR

PE 0207224F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P FY 1998 PB MODIFICATION TITLE AND NO: AN/AAQ-22M MN-8385

DESCRIPTION/JUSTIFICATION: Installs a FLIR, AN/AAQ-22A on 9 each AFRES HC-130N/P in support of drug enforcement program. AIRCRAFT BREAKDOWN: Active -- 0 RES -- 9 ANG -- 0

CENTER: WR-ALC

MODELS OF AIRCRAFT AFFECTED: HC-130N/P

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL FLAN	404	ŧ	É	90	ì	0.7	25	5V-00	20	00-00	Š	00-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT			QTY	AMT
RDT&E (3600)		1	! ! !		1	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	! ! !	6 6 6 7	! !	 	; ; ;	
PROCUREMENT (3010)												
INSTALL KITS			8	1.2								
KITS NONRECUR			,	0.3								
EQUI PMENT			(8	1.8								
EQUIP NONREC			. 1)	0.2								
CHANGE ORDERS												
DATA				0.3								
SIM/TRAINER												
SUPPORT-EQUIP				0.2								
INSTALLATION OF HARDWARE												
FY-96 9 KITS					(6)	0.4						
	1 1 1 1	! ! ! ! ! !	-	1	-		1 1 1				1 1 1 1	1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST					6	0.4						
			1	1		1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
TOTAL COST (BP-1100)			6	4.0		0.4						
(TOTALS MAY NOT ADD DUE TO	TO ROUNDING.	ING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION DEPOT	- DEPOT									
Ħ	INITIAL L	TAL LEAD TIME 6 MONTHS	6 MONJ	HS	11	OTTOM-ON IF	EAD TIME	FOLLOW-ON LEAD TIME 0 MONTHS	,			

	н	AMT			1.2	0.3	1.8	0.2		0.3		0.2		0.4		0.4	1	4.4									
NUED)	TOTAL	QTY			80	-1								(6)	!!!!!!!	Ø		6									
(CONTINUED)	OMP	AMT															1										
	TO COMP	QTY													!		1										
	FY-03	AMT															1 1 1 1 1 1 1 1										
	FY-	OTY													1		-										
	02	AMT													1										3	4 4	4 4
-22M	FY-02	QTY															1 1 1 1							FV - 07	1 2	1	
85 AN/AAQ-22M (CONTINUED)	01	AMT															1		ING.)	FY-97					3		
8-1	FY-01	QTY													1 1 1 1				TO ROUND	FY-96	!!!	4/96	2/97	50-VI	2		
FACT SHEET: C-130 MP PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY-96 9 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	.a HIGanda Notwa Liveani	QUARTERS 1	INPUT	OUTPUT

PAGE 051-27
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

02/14/97

FY 1998 PB DATE

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Program converts 3 Slick C-130 aircraft to the combat rescue HC-130 configuration. In addition to base-line combat rescue HC-130 equipment, this program provides for square window aft troop doors, Airlift Defensive Systems, ALR-69 RWR, NVIS interior and exterior lighting, AN/ARS-6(V)PLS, Aircrew Armor Suite, and SATCOM integrated into the SCNS to accommodate projected HC-130 fleet-wide modifications. This conversion program is required to provide adequate HC-130 force structure to support world-wide rescue requirements. TEAM AIR PE 0207224F CENTER: WR-ALC MODIFICATION TITLE AND NO: AERSPACE RESCUE AND RECOVERY MN-8424 MODELS OF AIRCRAFT AFFECTED: HC-130

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN													
	PR	PRIOR	FY-96	96	FY-97	97	FY-98	-98	Ē	FY-99	FY	FY-00	
	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS							1	4.0		4.1			
KITS NONRECUR					-	7.0							
EQUI PMENT							(1	8.4	1)	5.6			
EQUIP NONREC					(1)	1.9							
CHANGE ORDERS								1.0		2.9			
DATA								0.2		0.5			
SIM/TRAINER										·			
SUPPORT-EQUIP								0.2		0.4			
TESTING								0.1		0.2			
290						0.5		0.5		0.4			
INSTALLATION OF HARDWARE													
FY-97 1 KITS													
-													
-													
			-		1	1 1 1 1 1 1 1 1 1	-				-	1	
TOTAL INSTALL QTY/COST													
•	1		-		-	1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	! ! ! ! ! ! ! ! !	1	1	
TOTAL COST (BP-1100)					-	9.4	1	14.4	-	14.1			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)											
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY	: INST	ALLATION	CONTRACTO	OR FACILITY									
Ħ	NITIAL	INITIAL LEAD TIME 9 MONTHS	- 9 MONTH	r.	FOI	LLOW-ON LE	AD TIME -	FOLLOW-ON LEAD TIME 9 MONTHS	••				

*** UNCLASSIFIED *** PAGE 051-28

FACT SHEET: C-130 MN PROJECTED FINANCIAL PLAN	1-84	24 AERSE (CONTINUED)	AERSPACE RESCUE AND RECOVERY (UED)	OUE AND B	RECOVER'	5 4			CON	(CONTINUED)		
	FY	FY-01		FY-02		FY-03	03	TO	TO COMP		TOTAL	
	QTY	AMT	QTY		AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)		1 1 1 1 1			!		1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	1 ! ! !		
OCUREMENT (3010)										c		
KITS NONRECUR										1		
EQUIPMENT											14.0	
CHANGE ORDERS											3.6	
DATA SIM/TRAINER											0.0	
SUPPORT-EQUIP											9.0	
TESTING											0.3	
090											1.4	
ISTALLATION OF HARDWARE FY-97 1 KITS												
FY-99 1 KITS												
TOTAL INSTALL QTY/COST	! ! !	! ! ! ! !				; ; ;	1 1 1 1 1 1 1	 	 	1		
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNI	OING.)				 - -					37.8	
MILESTONES												
	FY-96	FY-97	FY-98	FY-99	FY-00							
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		1/98	4/98	1/99								
TWOMMITTANTON COMPANIED.	2		ì	5		2		ì	S		00	
INSTALLATION SCHEDULE:	26-14	,	FILE		•	בו ה הווים הווים		FI-99	6		1,000	•
INPUT	٧	or n	7	n	7	7	n	1	n	- -		7*
OUTPUT							-			1		

PAGE 051~29

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

TEAM MOBIL

PE 0401115F

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P MODIFICATION TITLE AND NO: SKI EQUIPMENT MN-8455

DESCRIPTION/JUSTIFICATION: Installation of Northrop/Grumman Low Power Color Radar, electronic flight instruments and satellite communications system on 4 C-130/H and 4 LC-130/H aircraft. BROKEN PROGRAM: AN ADDITIONAL 3.66M IS NEEDED IN FY98 TO BUY REMAINING 4 AIRCRAFT.

CENTER: WR-ALC

MODELS OF AIRCRAFT AFFECTED: C-130-H

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 0 ANG -- 8

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL PLAN			i	·	Ì		È	9	È	0	à	00
	PRIUK QTY	OK AMT	VIY	.96 AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
				1	1	1 1 1 1 1		1		1	1	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					4	1.0						
EQUIPMENT												
EQUIP NONREC				٠	(4)	4.0						
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
290						0.3						
INSTALLATION OF HARDWARE												
FY-97 4 KITS					(4)	0.2						
	1		1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 !		1	1	!		11111	1
TOTAL INSTALL QTY/COST					4	0.2						
		1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	!!!!		1 1 1 1	1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1
TOTAL COST (BP-1100)					4	5.5						
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION CONTRACTOR FACILITY	CONTRACT	OR FACILLY								
I	INITIAL I	TIAL LEAD TIME 9 MONTHS	TNOM 6 -	IS	Ä	FOLLOW-ON LEAD TIME 9 MONTHS	AD TIME	9 MONTHS	••			

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL

PE 0401115F

MODELS OF AIRCRAFT AFFECTED: C-130

MODIFICATION TITLE AND NO: COMPASS CALL MN-COMPAS

DATE 02/14/97

FY 1998 PB

CENTER: ASC

DESCRIPTION/JUSTIFICATION: For Compass Call Mission Simulators. DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

FY-00 OTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY

AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP CCMS

3.5

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED *** PAGE 051-32

FACT SHEET: C-130 MN PROJECTED FINANCIAL PLAN	PI	<u>2</u>	D.	COMPASS CALL					(CONTINUED)	NUED)	
		FY-01 QTY	-01 AMT	FY	FY-02 AMT	FY QTY	FY-03 AMT	TO	TO COMP	TO QTY	TOTAL AMT
RDT&E (3600)	•	! !	; ; ; ; ;	[6 5	! ! ! ! !		 	! !	1 1 1 1 1 1 1	1 1 1 1	
SOCUREMENT (3010)											
KITS NONRECUR											
EQUIPMENT EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											u
SUFFURI-EQUIF											4.5
	•	1	1 1 1 1					!	1	1	
TOTAL COST (BP-1100)	6										10.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	DUE 1	TO ROUND	ING.)								
MILESTONES											
		FY-94	FY-95	FY-96							
CONTRACT-DATE (QTR/FY)	/FY)	4/96		4/96							
DELIVERY-DATE (QTR/FY)	/FY)	4/96		4/96							

MODIFICATION OF AIRCRAFT

02/14/97

DATE

EXHIBIT P3A CONGRESSIONAL

FY 1998 PROGRAM

MN-COMREP

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P TEAM MOBIL DESCRIPTION/JUSTIFICATION: Replaces compasses and directional gyros on all C-130 aircraft. Standardizes C-130 fleet with FY92 and later production aircraft. Saves \$20 per flying hour upon full implementation.

AIRCRAFT BREAKDOWN: Active -- 185 RES -- 113 ANG -- 182 PE 0401115F CENTER: WR-ALC MODIFICATION TITLE AND NO: C-130H COMPASS REPLACEMENT MODELS OF AIRCRAFT AFFECTED: C-130

DEVELOPMENT STATUS: N/A.

QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

AMT

FY-00

10.5 1.5 1.0 0.1 85 2 85) 7 0.1 ? 0.5 0.4 3 INSTALLATION OF HARDWARE KITS PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPFORT-EQUIP 3 87 133 · 78 FY-98 FY-00 FY-01 FY-02 250

0.1 13.3 87 0.1 0.1 0.5 (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 15 MONTHS TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) KITS 140 39

KITS KITS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED *** PAGE 051-34

	AMT	! ! !	2.6	59.0 0.5	1.0	0.5	0.2	4.0	4.2	1.0	14.3	84.3			ъ Ф	۶۲ ۲۹
	TOTAL	!	475	ი			3)		: :		480	480			FY-00 2	FY-05 2 19 19
	QTY	į	4				(3) (87)	(133)	(140)	(66)	480	4	FY-05			1 20 20
	AMT		0.8	4.2					4.2	1.0	5.2	10.2			444	35 35
	TO COMP												FY-04	1/04	FY-99 2 3	FY-04 2 3 35 35 35 35
	TO QTY		39	(68)					(140)	(66)	179	6E	FY-03	1/03	FY-3	FY-C 1 2 35 35 35 35
	AMT	 	2.8	16.4				r	6.3		2.3	21.6	FY-02	1/02	দ	19 19
	FY-03	<u> </u>	140	6				100	6		78	140	FY-01	1/01	FY-98 2 3	FY-03 2 3 19 20 19 20
	QTY		Ĥ	(140)				ř	-		78	140				1 20 20
	AMT		1.4	8.6				4.0			4.0	14.1	FY-00	1/00	4	3 4 4 4 4
	FY-02	İ											FY-99		3	33 33 33 33
	P. P. D. T.		78	78)				(133)			133	78	86	1 8 6	FY-97 2	FY-02 2 33 33
		' !	2.7	<u>۔</u> ج		- 1		~			ا ن	i 0	FY-98	2/98	П	33 33
(CONTINUED)	l AMT		2.	19.3	d	7.0	2.6				2.6	24.6	FY-97		4	22 22
CONT	FY-01	i									;	NIGNO			e S	1 22 22 22
			133	(133)			87)				87	133 2, TO ROUNDING.)	FY-96		FY-96 2	FY-01 2 22 22
PROJECTED FINANCIAL PLAN			(010)		Δı	F HARDWARE	KITS KITS (KITS	KITS	KITS	L QTY/COST	DUE		E (QTR/FY) E (QTR/FY)	ION SCHEDULE: 1 INPUT OUTPUT	ION SCHEDULE: ARTERS INPUT 21
ROJECTED F1		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONKECUK EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP	LATION		FY-01 133	-		TOTAL INSTALL OTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 2.

PAGE 051-35 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

02/14/97

DATE

FY 1998 PB

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P

TEAM MOBIL DESCRIPTION/JUSTIFICATION: Replaces APN-59 RADAR on 480 C-130 aircraft. Current RADAR has 40 hour MTBF; new one has 1,000 hour MTBF. Saves PE 0401115F CENTER: WR-ALC MN-RADAR MODIFICATION TITLE AND NO: APN-59 RADAR REPLACEMENT MODELS OF AIRCRAFT AFFECTED: C-130

DEVELOPMENT STATUS: N/A.

\$90.00 per flying hour. AIRCRAFT BREAKDOWN: Active -- 220 RES -- 100 ANG -- 162

AMT FY-99 QTY AMT FY-98 OTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

AMT

FY-00 QTY

0.4 0.4 2) PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS FLIGHT TEST
INSTALLATION OF H
FY-99 3 K
FY-00 5 K SIM/TRAINER SUPPORT-EQUIP RDT&E (3600) DATA 000

0.1 2.8 0.4 1.0

3 3 2 3

0.4

0.6

0.2

5)

HARDWARE

KITS KITS

129 95 172 78

FY-01 FY-02 FY-03 FY-04 0.2 6.0

7.2

KITS KITS KITS

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT TOTAL INSTALL QTY/COST

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED *** PAGE 051-36

FACT SHEET: C-130 MP PROJECTED FINANCIAL PLAN	I-RA	HINU	1-59 F	ADAR 1	APN-59 RADAR REPLACEMENT ED)	EMENT					9	(CONTINUED)	UED)			
		FY-01 AMT			FY-02 Al	AMT	QTY	FY-03	AMT	TO QTY	TO COMP	_		TOTAL	AMT	
RDT&E (3600)	! ! ! !	 	!				! ! !	•	! ! ! !	! ! ! !	 	!	1 1 1	i !	!	
OCUREMENT (3010) INSTALL KITS	126	4	4.5	95		3.4	172		6.4	78	(*)	3.0	476		17.6	
KITS NONRECUR EQUIPMENT	3 (126)	1.7	3 (95)		20.3	(172)		37.7	(87)	17	17.5	9		8.2 102.6	
EQUIP NONREC CHANGE ORDERS	(3)	1.2	7 7												4.2	
DAIA SIM/TRAINER SUPPORT-EQUIP		4.1	4.1			5.0									9.1	
250		0.6	و ر			0.7			0.5		Ü	0.5			3.3	
ICS		0.1	0.1			3.0			6,0		67	3.1			9.2	
FLIGHT TEST STALLATION OF HARDWARE		÷	5						7.0						6.3	
	(1)	0.1	-									_	3)		0.3	
2	(2)	0.1		3)		0.2							2)		0.3	
129			~	(100)		6.9	(29)		1.6		•	<u> </u>	129)		α .	
95							(0/		æ. Æ	(25)		1.4	95)		7.0	
FY-03 1/2 KITS FY-04 78 KITS										(87.1)	, .	4.2 (78)		4.2	
TOTAL INSTALL QTY/COST	3	0.2	i 01	103		7.1	66	İ	5.3	275	14	14.9	482	İ	27.7	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE	129 4 TO ROUNDING.)	41.1 JING.)	, i ←	95	1	40.3	172	į	53.0	78	38.	38.8	482		186.4	
Miles Lones	£Y-96	FY-97	FY-98		FY-99	FY-00		FY-01	FY-02	FY-03	FY-04	FY-05	35			
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1	1			2/99	1/00		1/01	2/02	1/03	1/04	1	!			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2	£	ı	FY-97 2	3	4	FY 1	FY-98 2	ى 4	1 EY.	FY-99 2 3	4	т П	FY-00 2	e = =	4 4 1
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 3	FY-01	£	1 25 25	FY-02 2 26 26	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	26 2	1 225 2 25 2	FY-03 2 3 25 25 25 25	3 4 5 24 5 24	FY-(1 2 43 44 43 44	FY-04 2 3 44 44 44 44	4 4 4	1 25 25	FY-05 25 25	25 25	255 25

PAGE 051-37 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130

MODIFICATION TITLE AND NO: TIBS MN-TIBS

DATE 02/14/97

TEAM MOBIL DESCRIPTION/JUSTIFICATION: Tactical Information Broadcast System added in FY97 Appropriation language. Program to be defined. PE 0401115F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: C-130

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT QTY AMT PRIOR OTY

4.1

AMT

RDT&E (3600)

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- MONTHS

FOLLOW-ON LEAD TIME -- MONTHS

	AMT		д :-	4.1
IUED)	TOT		н	
(CONTINUED)	OMP AMT			
	0			'
	3 AMT			
	FY-			
	2 AMT			
	FY-			i ! ! !
BS TIBS (CONTINUED)	11 AMT			FY-97 4/97
Ţ	7			TO ROUNDI FY-96
ا ا		•	3010) S :UR :C :RS	TOTAL COST (BP-1100) (ICTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-96 FY-97 CONTRACT-DATE (QTR/FY) 4/99 A/99
FACT SHEET: C-130 PROJECTED FINANCIAL P		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DU MILESTONES CONTRACT-DATE (QTR/FY)

MODIFICATION OF AIRCRAFT

DATE 02/14/97 FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: C-130J

replaced by WC-130Js. The WC-130J will operate with a crew complement of five (two pilots, navigator, Aerial Reconnaissance Weather Office (ARWO), and Dropsonde System Operator)DSO). The C-130J aircraft manufacturer, Lockheed Martin Aircraft Systems, will accomplish Modification to standard configuration (C-130J aircraft after DD25O acceptance. Aircraft modifications include installation of ARWO and DSO stations in the cargo compartment and a Navigator station. DESCRIPTION/JUSTIFICATION: The WC-130 fleet currently consists of 10 W-130E aircraft assigned to the 53 WRS, Keesler AFB, MS. They provide TEAM MOBIL immediate response for observation and reporting of critical storm conditions (hurricanes, tropical and winter storms, etc) for the National Oceanographic and Atmospheric Administration, National Hurricane Center, and National Meteorological Center. C-130Hs will be PE 0401115F CENTER: ASC MN-WC130J MODIFICATION TITLE AND NO: WC130J SPECIAL MISSION

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY-96	96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		1	!!!!	1 1 1 1 1	1 1 1	1 1 1	1		!!!!			
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							2	7.0				
KITS NONRECUR							1	4.5				
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.5				
SIM/TRAINER												
SUPPORT-EQUIP												
TEST								0.5				
ICS								1.0				
	1		1		1111			1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)							က	13.5				
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	ORG/INTE	RMEDIATE								
	INITIAL	IAL LEAD TIME 12 MONTHS	- 12 MONT	HS	Ē	OLLOW-ON LE	CAD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	S			

*** UNCLASSIFIED *** PAGE 051-40

FACT SHEET: C-130 MN-WC130J WCJ PROJECTED FINANCIAL PLAN (CONTINUED)	MN-WC130J PLAN (CONTINU	J WC130, TINUED)	J SPECIAL	WC130J SPECIAL MISSION ED)				(CONTINUED)	NUED)	
	FY-01 QTY	-01 AMT	FY-02 QTY	.02 AMT	FY QTY	FY-03 AMT	TO	TO COMP	TOI QTY	TOTAL AMT
RDT&E (3600)	t ! ! !	1 40 00 00 00 00 00 00 00 00 00 00 00 00	 	i i : : : :	! ! !			1 1 1 1 1		00 to the total to the total t
ACCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT									1 5	7.0
EQUIP NONKEC CHANGE ORDERS DATA SIM/TRAINER										0.5
SUPPORT-EQUIP TEST ICS TOTAL COST (BP-1100)						 			<u>ه</u>	0.5

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	Y 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	RAFT MODIFICATIONS	Sh	P-1 ITEM NOMENCLATURE: C-135	:LATURE: C-135			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$237.104	\$236.960	\$137.861	\$139.231	\$103.099	\$75.665	\$46.445	\$35.571

This line item funds modifications to the C-135 and KC-135 aircraft. The C-135 is a four engine aircraft used for long range cargo and passenger airlift and to support theater commanders. The four engine KC-135 provides air refueling through either the refueling boom or drogue. As a cargo aircraft, the KC-135 can carry 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

2 FY-03 COST TOTAL TO GO PROG.	8.1	9.0 6.	9.0 6.	102.4	0.5	15.4	1.3	483.	1.1	1.0	6.7	39.3	426.0	250.6	29.0	1.1 2.4 5.3 48.	66.3	2.	4.	2.0 1.1 7.9	2.4	4.6	16.5	.8 169.9	2.0	.6 31.4 122.3	4.
FY-01 FY-02		0.3 1.	0.3										5.7			3.3				1.1 2		0.1	8.0	40.8 12.8		23.6 28.6	
FY-00		0.8	0.8										25.2			7.7				7.0			2.7	40.3		25.7	
FY-99		1.3	1.3	0.2		0.9	9.0		0.1	0.1			92.3			6.7							3.8	20.1		13.0	
FY-98		0.2	0.2		0.1		0.1				0.2	5.4	97.8			3,3			3.2				3.6	22.1			
FY-97	0.1	1.0	1.1	1.1	0.1	3.6	0.2	49.0	0.1	0.2	2.3	33.9	102.3	0.8	12.2	0.1		0.2		0.5	0.3	2.1	2.5	21.6			2.8
FY-96		1.9	1.9	1.3	0.1	3.0	0.2	95.3	0.2	0.2	2.7		62.8		10.4	6.7	32.3	0.1	1.2	2.5	0.8	0.4	0.9	12.2	1.0		0.0
MODIFICATION TITLE	AERIAL REFUELING PUMP AUTOMATI	LOW COST SAFETY MODIFICATIONS	CLASS P-S TOTAL FOR C-135	FUEL SAVINGS ADVISORY SYSTEM (SCOPE RELOCATION	STANDARD FLIGHT DATA RECORDER	NUCLEAR HARDENING	C-135 REENGINE	AUDIBLE COCKPIT WARNING	RELOCATE S/V BOX	STANDARD VHF AM/FM RADIO	NAVIGATION AND SAFETY UPGRADE	PACER CRAG (COMPASS, RADAR, AN	PACER LINK PH II	HF AUTO COMM PROCESSOR (ACP)	GROUND COLLISION AVOIDANCE SYS	RIVET JOINT	INSTALLATION OF WINDOW EDGE HE	INMARSAT AND SATCOM UPGRADE	SERVICE BULLETINS	LOW COST RETROFIT MODS	LOW COST MODIFICATIONS	HIGH RELIABILITY MAINT FREE BA	MULTIPOINT REFUELING	IMPROVED MAIN LANDING GEAR BRA	SIMULATOR UPGRADE	REPROGRAMMINGS
MOD	10408A	A66666	υ	10402B	16405X	17403B	2984X	3009E	X600E	3009Y	3042	3149	3150PC	3156	3353	3368	4263	48604B	9605	866666	N66666	X66666	KC4218	KC4231	KC4290	SIM135	288888
CLASS	P-S			а																							

Totals may not add due to rounding.

/ 7 1.7		The second secon
- OZ		
1367		
ואיז יייטרט ויידן	ITEM NO. 052	

UNCLASSIFIED

UNCLASSIFIED

		BUDGET ITEI (EXHIE	ET ITEM JUSTIF (EXHIBIT P-40)	ITEM JUSTIFICATION XHIBIT P-40)							DATE FEBRUARY 1997	lY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICA	AFT MODIFICATIONS	NS.		P-1 ITEN	P-1 ITEM NOMENCLATURE: C-135	LATURE	C-135				
	1996	1997		1998		1999		2000		2001	2002	2003
COST (In Mil)	\$237.104	\$236.960	\$1	\$137.861	\$1	\$139.231	\$1(\$103.099	\$	\$75.665	\$46.445	\$35.571
TOTAL FOR C-135	5		237.1	237.0	137.9	237.0 137.9 139.2 103.1 75.7 46.4 35.6	103.1	75.7	46.4	35.6	5.3	

Totals may not add due to rounding.

<u>dal</u>	UNCLASSIFI		
		ITEM NO. 052	
	PAGE NO.	P-1 SHOPP LIST	

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P

TEAM MOBIL

PE 0401218F

MODIFICATION TITLE AND NO: FUEL SAVINGS ADVISORY SYSTEM (FSAS) MN-10402B

MODELS OF AIRCRAFT AFFECTED: KC-135

CENTER: OC-ALC

DESCRIPTION/JUSTIFICATION: Installs kit procured FY90 and prior. AIRCRAFT BREAKDOWN: Active -- 295 RES -- 72 ANG -- 225

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

AMT FY-00 OTY AMT FY-99 OTY AMT FY-98 OTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY RDT&E (3600)

0.2 0.2 0.2 2 6.0 6.0 6.0 10 (01) 1:1 1.1 1.1 15 (15) 1.3 1.3 18 TOTAL COST (BP-1100) 592 99.0 (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT (18) 1.2 73.9 5.8 1.2 540 (540) (9) SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE
FY-89 592 KITS (TOTAL INSTALL QTY/COST PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT
EQUIP NONREC
CHANGE ORDERS SIM/TRAINER DATA

FOLLOW-ON LEAD TIME -- 1 MONTHS

INITIAL LEAD TIME -- 1 MONTHS

*** UNCLASSIFIED *** PAGE 052-1

FRODECIED FINANCIAL FLAM		(CONTINUED)	(ag															
	>-	FY-01 A	AMT	QTY	FY-02	2 AMT			FY-03 AA	AMT	T QTY	TO COMP	1P AMT		QTY	TOTAL	AMT	
RDT&E (3600)	1		 	1	i I		· !	<u> </u>				i		' !] 	1	! !	ł
PROCUREMENT (3010) INSTALL KITS															592		73	73.9
KITS NONRECUR EQUIPMENT EQUIP NONREC																	9	6.5
CHANGE ORDERS DATA																	ഗഗ	5.8
SIM/TRAINER																	•	,
SOFFORI-EXOIF MOD OF SPARES INSTALLATION OF HARDWARE																	7 7	2.0
FY-89 592 KITS														~	588)		4	4.6
TOTAL INSTALL QTY/COST	!				i		!	!		1	1	i		!	588	!	4	4.6
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE MILESTONES	TO ROUNDING.)	dDING.)			i			:	1			ł		!	592	1	102.4	4
	FY-89	FY-90	06	FY-91	FY-92		FY-93			FY-95	FY-96		FY-97	FY-98	®	FY-99		
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/89		<u> </u>	\$! ! !		 			!	 	i	! ! !	1	!	; ; ;		
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-89 2 5	3 500 500	4.	FY.	FY-90 2	en	1	FY-91	m	4	H.	FY-92 2	m	4	↔	FY-93 2	က	
EDULE:	£	ო	4		95		1	FY-96	m	4	٦ ٢	FY-97 2	ო	4		FY-98 2		
INPUT 2 OUTPUT 2	7 7			& &	o, o,	തെ	w w	4 4	4 4	9 9	ব ব	4 4	ক ক	m m	2 2	ოო	ოო	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 5 OUTPUT 5	FY-99 2	e	4															

PAGE 052-2 *** UNCLASSIFIED ***

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL CLASS P PE 0401218F CLC C-135 CENTER: OC-ALC MODIFICATION TITLE AND NO: STANDARD FLIGHT DATA RECORDER MN-17403B MODELS OF AIRCRAFT AFFECTED: KC-135

DESCRIPTION/JUSTIFICATION: This modification will incorporate a Standard Army-Navy-Air Force Flight Data Recorder (SFDR). It is a data collection system designed to provide aircraft structural analysis and other pertinent data. It will replace the existing MXU-553 Aircraft

AIRCRAFT BREAKDOWN: Active -- 50 RES -- 1 ANG -- 6 Structural Integrity Program (ASIP) recorder.

DEVELOPMENT STATUS: Development complete.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY 1. AMT FY-97 ΩŢ AMT FY-96 13 QIY AMT PRIOR 11 QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) INSTALL KITS RDT&E (3600)

0.3 0.1 9.0 0.9 12 0.1 0.4 0.3 0.3 6) 0.2 0.2 3.6 2.2 0.1 5 1.6 3.0 0.2 13 (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT (13) 0.6 1.5 1.0 0.5 7.1 0.7 0.1 2.3 0:1 3 11 (11) INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) KITS KITS CHANGE ORDERS SUPPORT-EQUIP KITS NONRECUR EQUIP NONREC SIM/TRAINER EQUIPMENT TOOLING FY-95 FY-96 FY-97 FY-93

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED *** PAGE 052~3

PROCHESHERY (3010)													
TO ROUNDING.) FY-93 FY-94 FY-95 FY-95 FY-95 FY-95 TY-				QTY	FY-02	TM			TO (COMP			
TO ROUNDING.) FY-93 FY-94 EY-95 FY-97 FY-98 FY-99 FY-00 1/93	(00					!							1
25 TO ROUNDING.) FY-93 FY-94 FY-95 FY-95 TY-95 TY-95 TY-95 TY-96 TY-97 TY-93 TY-93 TY-94 TY-95	(3010)												
FY-93 FY-94 FY-95 FY-95 FY-95 FY-95 FY-96 FY-97 FY-98 FY-96 FY-97 1/99 1/00 1/01 1/1 1 1 1 1 1 1 1 1 1 1 1 1 1	() I O I										Ċ	•	c
TO ROUNDING.) FY-93 FY-94 FY-95 FY-95 FY-95 FY-96 FY-95 TY-96 TY-97 TY-95 TY-96 TY-97 TY-96 TY-97 TY-96 TY-96 TY-97 TY-96 TY-97 TY-96 TY-97 TY-96 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-97 TY-98 TY-99 TY-99 TY-90 TY-99 TY-90 TY-	27										67	•	٠ ١
FY-93 FY-94 FY-95 FY-96 FY-97 FY-99 FY-00 1/93	CUR												'n
TO ROUNDING.) FY-93 FY-94 FY-95 FY-96 FY-97 FY-99 FY-00 1/93 2/96 1/97 1/99 1/00 1/93 2/96 1/97 1/96 1/00 1/93 4 1 2 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 3 4												•	8.
TO ROUNDING.) FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-00 1/93 2/95 1/97 1/98 1/00 1/93 3/93 2/95 1/97 1/98 1/00 1/93 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 3 3 4 3 4												•) L
TO ROUNDING.) FY-93 FY-94 FY-93 FY-93 FY-99 FY-99 FY-99 FY-96 FY-96 FY-96 FY-97 1/93 1/93 1/93 1/93 1/93 1/93 1/93 1/93 1/93 1/93 1/93 1/93 1/93 1/94 1/96 1/97 1/98 FY-96 FY-96 FY-96 FY-97 1/98 FY-97 1/98 FY-97 1/98 FY-98 FY-99	2											_	ດ
TO ROUNDING.) FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1/93 2/96 1/97 1/99 1/00 3/93 2/96 1/97 1/99 1/00 1/93 3/93 4 1 2 3 3 4 1 2 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 1 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 4 3 3 3 3 4 3	DERS												
TO ROUNDING.) FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1/93 2/96 1/97 1/98 1/00 1/01 FY-93 A 1 2 3 4 1 2 3 4 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													9
(3) (13)	2												
TO ROUNDING.) FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 1/00 1/93 2/96 1/97 1/98 1/90 1/00 1/93 4 1 2 3 3 4 1 2 3 3 4 1 3 3 4 1 3 3 4 1 3 3 4 3 4 1 3 3 4 3 4	1											,	. ,
TO ROUNDING.) FY-93 FY-94 FY-93 FY-98 FY-98 FY-98 FY-98 FY-98 FY-99 FY-90 3/93 2/96 1/97 1/98 FY-98 FY-98 FY-99 FY-00 1/97 1/98 FY-99 FY-00 1/97 1/98 FY-98 FY-98 FY-99 FY-00 1/97 1/98 FY-98 FY-99 FY-00 1/97 1/98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-99 FY-00 1/97 1/98 FY-99 FY-00 1/97 1/98 FY-99 FY-00 1/97 1/98 FY-00 1/97 1/98 FY-98	COLP												m.
FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-97 FY-98 FY-97 FY-98 FY-99 FY-97 FY-98 FY-99 FY-97 FY-98 FY-99 FY-97 FY-98 FY-97 FY-98 FY-97 FY-98 FY-97 FY-98 FY-99 FY-97 FY-98 FY-99 FY-97 FY-98 FY-99 FY-99 FY-99 FY-99 FY-99 FY-98 FY-99 FY-99 FY-98 FY-99 FY-90 FY-98 FY-99 FY-90 FY-98 FY-99 FY-90 FY-98 FY-99 FY-90 FY-9												_	4.
TO ROUNDING.) FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1/93 2/96 1/97 1/98 FY-95 FY-96 FY-97 1/93 2/96 1/97 1/98 FY-95 FY-96 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 1/00 1/01 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 1/00 1/01 1/2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													,
FY-93 FY-94 FY-95 FY-95 FY-95 FY-96 FY-95 1/00 1/01 FY-93 FY-94 FY-94 FY-95 1/96 1/97 1/99 1/00 FY-93 FY-94 FY-94 FY-95 1/96 1/97 1/99 1/00 FY-93 FY-94 FY-94 FY-95 1/96 1/97 1/99 1/00 FY-93 FY-94 FY-94 FY-95 1/96 1/97 1/99 1/00 FY-95 FY-95 FY-96 FY-97 FY-96 FY-96 FY-97 1/99 1/00 FY-95 FY-95 FY-96 FY-95 1/97 1/99 1/00 FY-95 FY-96 FY-97 FY-96 FY-97 1/99 1/00 FY-96 FY-97 FY-96 FY-97 FY-97 1/99 1/00 FY-98 FY-99 FY-00 FY-98 FY-99 FY-00 FY-98 FY-99 FY-00 FY-98 FY-99 FY-00 FY-98 FY-99 FY-00													٠.
FY-93 FY-94 FY-95 FY-95 FY-95 FY-95 FY-95 FY-96 FY-97 FY-98 FY-96 FY-97 FY-98 FY-96 FY-97 FY-98 FY-9	N OF HARDWARE												
FY-93 FY-94 FY-95 FY-96 FY-97 FY-99 FY-00 1/93											3)		+
FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1,93											3 6	, ,	
FY-93 FY-94 FY-94 FY-95 TY-96 FY-95 TY-95											(A)	J	٠,
FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1/93 2/96 1/97 1/98 1/00 1/01 FY-93 FY-94 FY-96 FY-97 FY-98 FY-99 FY-00 1/93 2/96 1/97 1/98 1/00 1/01 FY-93 FY-94 FY-95 1/96 1/97 1/98 1/00 1/93 2/96 1/97 1/98 1/00 1/01 FY-93 FY-94 FY-95 FY-96 FY-95 FY-96 FY-97 FY-93 FY-94 FY-95 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											(13)	_	٠.
FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1/93											(1)		۲.
ETO ROUNDING.) FY-93 FY-94 FY-96 FY-96 FY-99 FY-00 1/93		!!!!	1 1 2 3 1	-			-				1		ł
FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1/93	TOTAL INSTALL QTY/COST										25		٤,
E TO ROUNDING.) FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 1/93 2/96 1/97 1/98 1/00 1/01 1/93 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 FY-98 FY-99 FY-98 FY-99 FY-99 FY-99 FY-99 FY-99 FY-99 FY-99 FY-90 FY-97 FY-96 FY-97 FY-97 FY-97 FY-98 FY-99 FY-97 FY-98 FY-99 FY-9								1	1	1 1 1 1 1		1	:
FY-93 FY-94 FY-95 FY-96 FY-97 FY-99 FY-00 1/93	r (BP-1100)										25	16	4.
FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00	AY NOT AND DITE	TO ROTIN	DING										
FY-93 FY-94 FY-95 FY-96 FY-97 FY-99 FY-00 1/93	201 201 2												
FY-93 FY-93 FY-94 FY-94 FY-96 1,994 1,095 1,096 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,996 1,097 1,	1	20	20	20	20	EV-07	00 - V-	00	00				
1/93 2/95 1/96 1/97 1/99 1/00 3/93 2/96 1/97 1/96 1/00 1/00 1/01			FC 13										
FY-93	(70/00/00/	1 / 03		2070	1/06	1 / 07		1 / 9 0	1 / 00				
5/93 2/96 1/97 1/96 1/00 1/01 FY-93 FY-94 FY-95 FY-96 FY-97 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CALE (CIN/EI)	1/93		06/7	06/1	1/2/		1,000	7,00				
FY-93 FY-94 FY-95 FY-96 FY-97 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 2 3 4 1 2 2 3 4 1 2 2 3 4 1 2 2 3 4 1 2 2 3 4 1 2 2 3 4 1 2	ATE (QTR/FY)	3/93		2/96	1/9/	86 /T		1/00	1/01				
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 5 1	TON SCHEDULE:	FY-43		FY	70-		FY-95		₽V V	96	74	-47	
FY-98 FY-99 FY-00 4 1 2 3 4 1	ABTERS	2	4			7	,	٠,			-		7
FY-98 FY-99 FY-00 FY-00 5 2 2 2 2 3 5 2 5 5 5 5 5 5 5 5 5 5 5 5		,	,	•		,	١,			,	•	•	٠,
FY-98 FY-99 FY-00 1 2 3 4 1 2 3 4 1 2 2 2 2 2 2 3 5 2 2 3 4 1 2	INFOI		-				-1	-	•			- ,	_
FY-98 FY-99 FY-00 1 2 3 4 1 2 3 4 1 2 2 2 2 2 3 5 2 2 3 4 1 2	UTPUT			п				→	1			-	
1 2 3 4 1 2 3 4 1 2 3 5 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ION SCHEDULE:	FY-98		FY	66-		FY-00						
	ARTERS 1	2	4			1	6	3 4					
		۰ د					ı	•					
		3 (

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CL 35

TEAM MOBIL

PE 0401218F

EXHIBIT P3A CONGRESSIONAL

CENTER: OC-ALC MN-3009E MODIFICATION TITLE AND NO: C-135 REENGINE MODELS OF AIRCRAFT AFFECTED: KC-135 DESCRIPTION/JUSTIFICATION: Modifies KC-135E aircraft with more powerful, fuel efficient F108 (CFM-56) engines, allowing takeoff on shorter runways with higher gross weights. The cleaner, quieter F108 engines meet or exceed all noise and pollution standards. Over 25 other systems, uncluding the landing gear, will extend the life of these aircraft into the 215T century.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 8 ANG -- 12

DEVELOPMENT STATUS: Development complete.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR OTY PROJECTED FINANCIAL PLAN RDT&E (3600)

FROCUREMENT (3010) INSTRALL KITS KITS NORMECH EQUIPMENT EXPANSIVE EY-93 IS KITS EY-94 I KITS EY-94 I KITS EY-95 EY												
16 108.3 4 38.0 2 18.1 3.5 (1) 1.1 6.5 (16) 206.6 (16) 55.7 (8) 29.4 (15) 13.6 (1) 1.0 (4) (2) 15 13.6 (1) 1.0 (4) (2) 16 339.6 4 95.3 2 49.0	IENT (3010)											
3.5 (1) 1.1 (64) 206.6 (16) 55.7 (8) 29.4 (15) 13.6 (1) 1.0 (4) (2) 15 13.6 (1) 1.0 (4) (2) 16 339.6 4 95.3 2 49.0	IL KITS	16	108.3	4	38.0	7	18.1					
3.5 (1) 1.1 0.5 0.5 (64) 206.6 (16) 55.7 (8) 29.4 (4) (2) (4) (4) (2) (4) (2) (4) (2) (4) (2) (4) (4) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	NONRECUR											
3.5 (1) 1.1 0.5 0.5 (64) 206.6 (16) 55.7 (8) 29.4 (4) (2) (4) (4) (2) (4) (2) (4) (2) (4) (2) (4) (4) (2) (4) (4) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	MENT									•		
(64) 206.6 (16) 55.7 (8) 29.4 (15) 13.6 (1) 1.0 (4) (2) 15.	NONREC		3.5									
(64) 206.6 (16) 55.7 (8) 29.4 (15) 13.6 (16) 55.7 (10) (10) (10) (10) (10) (10) (10) (10)	E ORDERS			(1)								
(4) 206.6 (16) 55.7 (8) 29.4 (15) 13.6 (1) 1.0 (4) (2) (2) (1) 1.0 (4) (2) (2) (1) 1.0 (4) (2) (2) (1) 1.0 (4) (2) (1) 1.0 (4) (2) (1) 1.0 (4) (1) 1.0 (4) (1) 1.0 (4) (1) 1.0 (4) (1) 1.0 (4) (1) 1.0 (4) (1) 1.0 (4) (1) 1.0 (1			6.5		0.5		0.5					
(15) 13.6 (16) 55.7 (8) 29.4 (15) 13.6 (17) 1.0 (4) (2) (18) 1.0 (19)	TRAINER											
(45) 206.6 (16) 55.7 (8) 29.4 (15) 13.6 (1) 1.0 (4) (2) (2) (15) 13.6 (16) 29.4 (2) (17) 1.0 (17) 1.0 (18) 13.6 (19) 29.3 2 49.0	RT-EQUIP		1.0									
(15) 13.6 (1) 1.0 (4) (2) (2) (2) (2) (2) (2) (4) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7		(64)	206.6	(16)			29.4					
15 KITS (15) 13.6 1 KITS 4 KITS 2 KITS 2 KITS 5 TALL QTY/COST 15 13.6 STALL QTY/COST 16 339.6 4 95.3 2 49.0	ATION OF HARDWARE											
1 KITS 4 KITS 2 KITS 2 KITS 5 TALL QTY/COST 15 13.6	15	(15)	13.6									
2 KITS (4) (2) (2) (2) (2) (2) (3) (4) (5) (4) (6) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	-					(1)	1.0					
2 KITS (2) INSTALL QTY/COST 15 13.6 4 95.3 2 49.0	4							(4)				
15 13.6 1 1.0 4 2 2 1.0 1.0	2									(2)		
15 13.6 1 1.0 4 2		1 1		-		1	1 1 1 1 1 1	!		!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	
16 339.6 4 95.3 2 49.0	INSTALL QTY/COST	15	13.6			٦	1.0	4		7		
16 339.6 4 95.3 2		1 1 1				1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	!!!!!!!	! ! ! !	 1 1 1 1	
	COST (BP-1100)	16	339.6	4		2	49.0					

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED *** PAGE 052-5

FACT SHEET: C-135 MN PROJECTED FINANCIAL PLAN	1-30	(CONTINUED)	C-13	C-135 REENGINE JED}	SINE								(CONTINUED)	INUED	_		
		FY-01	AMT	QTY	FY-02	AMT			FY-03 AMT	E+	TO QTY	TO COMP	AMT	QTY	TOTAL	AMT	
RDT&E (3600)	!	į	! ! !	[] []	; !		! !			ļ	 	! !	<u> </u>		i }	 	1
OCUREMENT (3010) INSTALL KITS KITS NONRECUR															22	164.4	Ø.
EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA																3.5 1.1 7.5	2 - 2
RAINER RT-EQUIP ES																1.0	0.6
STALLATION OF HARDWAKE														# · · · · ·	15) 1) 4)	13.6	9.0
TOTAL INSTALL QTY/COST		į		1		[! ! !		<u> </u>	1 1 1 1		! ! !		52	14.6	ı vo
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE MILESTONES	i ŭ –	NDING	NG.)	FY-95	Įz,		 Y-97	FY-98		FY-99	FY-00	t t t	† ! !	22	52	483.9	. 6
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/93	4 4	4/94 4/96	E 3 1 1	1/97		4/97] 	 						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 8 OUTPUT 8	FY-93 2 7	мωω	4 / 8	H 9 F	2 2 6 6	8 - 9	9 9 9	FY-95 2 6 6	6 7 3	402	1 3	FY-96 2 3 6 4 6 4	400	1 2 3 3	FY-97 2 1 3	е г	4
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-98 2 2	m m n	4 0	Ei H	FY-99 2 3		e e	FY-00 2	ю ·	4							

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

TEAM MOBIL

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P PE 0401218F FY 1998 PB MODIFICATION TITLE AND NO: STANDARD VHF AM/FM RADIO MN-3042 MODELS OF AIRCRAFT AFFECTED: KC-135

AIRCRAFT BREAKDOWN: Active -- 256 RES -- 72 ANG -- 220

DESCRIPTION/JUSTIFICATION: Data and supplemental kits for VHF radios installed during Desert Storm. Supplemental Group "A" kits required to convert from "quick mod" configuration to "final" mod configuration. Quick mod does not provide access for boom operator.

CENTER: OC-ALC

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN												
	PRIOR	OR	FY	FY-96	FY-97	97	FY-	FY-98	FY	FY-99	FY	FY-00
	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT
RDT&E (3600)	!											
PROCUREMENT (3010)												
INSTALL KITS	150	1.6	355	2.0	40	0.2						
KITS NONRECUR			m	0.2								
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS				0.3				0.2				
DATA				0.2		0.1						
SIM/TRAINER												
SUPPORT-EQUIP												
090												
INSTALLATION OF HARDWARE												
FY-93 150 KITS					(150)	0.5						
FY-96 358 KITS					(358)	1.3						
FY-97 40 KITS					(40)	0.1						
TOTAL INSTALL QTY/COST		! ! ! !	 		548	2.0	! ! !	 	-	 	1	1
1000 TEMOR			1 6		5	1 0			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)	330	7.7	0.7	c.2		7.0				
METHOD OF IMPLEMENTATION:		INSTALLATION COMBINATION	COMBINA	NOI								

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

PAGE 052-7
*** UNCLASSIFIED ***

(CONTINUED)	
RADIO	
STANDARD VHF AM/FM RADIO	INUED)
MN-3042	PLAN (CONT
FACT SHEET: C-135	PROJECTED FINANCIAL

TOTAL QTY AMT			2 0.0			0.4	0.3			0.0		(150) 0.5	(358) 1.3	(40) 0.1		1	548 6.7					FY-97	က	181 182 185	701
TO COMP QTY AMT																						FY-96	1 2 3 4		
FY-03 QTY AMT	i																		7			FY-95	1 2 3 4		
FY-02 QTY AMT																			FY-95 FY-96 FY-97		2/97 2/98	FY-94	1 2 3 4		
FY-01 QTY AMT																	TO ROUNDING.)		FY-93 FY-94 F	 2/93	2/94	FY-93	2 3 4		
	RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	290	INSTALLATION OF HARDWARE	FY-93 150 KITS	FY-96 358 KITS	FY-97 40 KITS	TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	MILESTONES		CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	TUPUI	COLPOI

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODELS OF AIRCRAFT AFFECTED: SEVEN DV C-135S

MODIFICATION TITLE AND NO: NAVIGATION AND SAFETY UPGRADE MN-3149

02/14/97

DATE

CENTER: OC-ALC

TEAM MOBIL PE 0401218F

CLC C-135

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C/KC-135 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. These modifications include Flight Data Recorder (FDR) and Cockpit Voice Recorder (CVR), Traffic Alert and Collision Avoidance System (TCAS), Ground Proximity Warning System (GPWS), and Emergency Locator Transmitter (ELT). Acquisition through a system integration strategy with a common integration contract and concurrent installation is planned. seven aircraft: three are PACAF, one - AFMC, one- ACC and two - AMC. Modification is IAW SECDEF Letter, 26 Apr 96

AIRCRAFT BREAKDOWN: Active -- 7 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	90199	90 A4		EV - 07	70	00 I	0	2	ç	ì	0
	QTY AMT	QTY	AMT	QTY	AMT	OTY .	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				; ! !
PROCUREMENT (3010)											
INSTALL KITS				7	9.0						
KITS NONRECUR					8.0						
EQUIPMENT				(7)	2.5						
EQUIP NONREC					19.6						
CHANGE ORDERS											
DATA					2.0		0.2				
SIM/TRAINER					0.5		3.9				
SUPPORT-EQUIP											
290					9.0		0.2				
INSTALLATION OF HARDWARE											
FY-97 7 KITS						(,	1.2				
						1		1 1 1		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST						7	1.2				
	111111111111111111111111111111111111111					1				1	
TOTAL COST (BP-1100)				7	33.9		5.4				
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	ro ROUNDING.)	- DEPOT/FIEL	TEAM								
4I	INITIAL LEAD TIME 9 MONTHS	SHINOM 6		FO	FOLLOW-ON LEAD TIME 9 MONTHS	AD TIME -	- 9 MONTHS				

*** UNCLASSIFIED *** PAGE 052-9

FF-01 ANT OTY	FACT SHEET: C-135 MN PROJECTED FINANCIAL PLAN	15-1	(CONTINUED)			•		Ì		İ	•
7 FY-98 FY-99 4 1 2 3 4 1 2 4 1 2 3 4 1 4 1 1 4 1 1 4 1	QTY	F.			FY-02 AMT		FY-03 AMT	QTY	COMP AMT		FAL AMT
7 FY-98 FY-99 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1		!	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	: : : :	1
7 FY-98 FY-99 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
7 FY-98 FY-99 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1										7	9.0
7 FY-98 FY-99 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 1 4 1 1 1 4 1											8.0
7 FY-98 FY-99 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 4 1 1 1 4 1											2.5
7 FY-98 FY-99 											0.64
7 FY-98 FY-99 7 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 1 3 4 1 1 2 1 3 4 1 1 2 1 3 4 1 1 2 1 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											2.2
7 FY-98 FY-99 - 4/97 3/98 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 1 4 1 1 1 4 1											4.4
7 FY-98 FY-99 											c
7											
7 FY-98 FY-99 4 1 2 3 4 1 2 4 1 2 3 4 1 1 1 4 1										(7)	1.2
7 FY-98 FY-99 	 		 	1	# F F F F F F F F F F F F F F F F F F F		 			1	1.2
7 FY-98 FY-99 4/97 3/98 4 1 2 3 4 1 2 3 4 1 2 4 1 2 4 1 1 1 4 1	1111111			1	1 1 1 1 1 1		1			-	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
FY-97 FY-98 FY-99	TO ROUN		DING.)							-	39.3
2/97 4/97 1/98 3/98 FY-99 3 4 1 2 3 4 1 2 3 4 1 2 1 1 2 4 1 2 4	FY-96		FY-97	FY-98	FY-99						
2/9/ 4/9/ 1/98 3/98 FY-97 EY-98 FY-99 3 4 1 2 3 4 1 2 1 2 4 1 1 4 1	1		1 10	1 107	1						
3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1/98	4/9/ 3/98							
4 1 2 3 4 1 2 3 4 1 2 1 4 1 2 1 4 1 1 1 1 1 1 1 1 1 1 1	FY-96			FY-	76	FY-	86	F	-66		
1 1 4 1	2		3 4	1 2		1 2	ε c	1		•	
						т ,	7 1	п			

MODIFICATION OF AIRCRAFT

02/14/97

FY 1998 PB DATE

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: PACER CRAG (COMPASS, RADAR, AND GPS) MN-3150PC

display units, electronic horizontal situation indicators (EMSIs), and Electronic Attitude Direction Indicators (EADIs) to include a Standby Attitude Indicator (SAI). In addition, new components acquired as part of this program will include growth capability for Global Air Traffic Management (GATM). Specifically, the new Air Data Computer will be in compliance with Reduced Vertical Separation Minima (RVSM) scheduled for implementation prior to FY00. COTS/NDI equipment will require minor missionization. Accelerate PACER CRAG IAW SECDEE Letter, 26 Apr 96. strategy. Integration will be accomplished through incorporation of a COTS/NDI flight (mission) management system, multifunction control Replacement and Display Modernization (RRDM); and NAVSTAR Global Positioning System (GPS) for acquisition through a systems integration TEAM MOBIL The PACER CRAG Program combines the C/KC-135 avionics modifications, Compass Replacement System (CRS), Radar PE 0401218F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: C/KC-135 DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: Contract Award: Oct 95; PDR-Jan96; CDR-Feb 96; Prototype Deliveries (3) Aug-Sep 96; Combined Test Aug-Dec 96.

AIRCRAFT BREAKDOWN: Active -- 255 RES -- 72 ANG -- 224

PROJECTED FINANCIAL PLAN

	д	PRIOR	Ē	FY-96	E	FY-97	G	FY-98	ш	FY-99
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	
										i
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS		9.0	0.6 50	4.2	4.2 163	11.2 169	169	0.6	163	

	PR	PRIOR	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY-	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PDOCTIBEMENT (3010)												
INSTALL KITS		9.0	20	4.2	163	11.2	169	0.6	163	8.7		
KITS NONRECUR	9	5.5	:	1				!				
EQUIPMENT		9.9	(05)	21.8	(163)	63.8	(169)	58.0	(163)	54.5		
EQUIP NONREC	(9)	7.5										
CHANGE ORDERS		14.7		13.2		7.4		4.2		0.4		1.0
DATA		5.0		2.1		0.3		0.1				0.7
SIM/TRAINER				21.1		7.2						
SUPPORT-EQUIP												
BLOCK 10						0.5						
290				0.4		0.5		0.3		0.3		0.3
SOFTWRE INTG LAB												
INSTALLATION OF HARDWARE												
FY-95 6 KITS			(3)		(3)	9.0						
FY-96 50 KITS					(20)	10.8						
FY-97 163 KITS							(163)	26.2				
									(169)	28.4		
FY-99 163 KITS											(163)	23.2
	1 1 1	1			1		1	1	!!!!!!	1	1	
TOTAL INSTALL QTY/COST			က		53	11.4	163	26.2	169	28.4	163	23.2
	1 1		! !	1 1 1	1 (1 1	(1 0	1 1 1	
TOTAL COST (BP-1100)	9	39.9	20	62.8	163	102.3	169	9.76	163	92.3		25.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)										
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION	N: INST	ALLATION	COMBINAT	NOI								

INITIAL LEAD TIME -- 7 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

UNCLASSIFIED *** ***

		AMT			33.7	T.	2.00		ç.,	41.4	13.3	28.4		0.5	1.8			9.0	10.8	26.2	28.4	23.2	89.3		426.0	•			o.		42 43			
É	TOTAL	OTY			545		,											(9	50)	163)	169)	163)	551	1	551				FY-99		42 42 40 42			
		. !																_	_	_	~	_	· 							V	40			
ş	JM.	AMT																						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					_	က	41			
Č	AWOO OIL	, , ,																					' !						FY-98	7	41			
		QTY																					İ	1 1						-	41			
		AMT																						1 1 1			FY-01			3 4	2 50			
í	FI-03	OTY																						!			FY-00	1/99	FY-97	2	г			
		αļ																					İ	i			FY-99	1/98 1/99		-	7			
		AMT																						!				1/		4	7	-	-	
5	F.1 -02	ļ																					-	ţ			FY-98	1/97	و	က	-	ب ر ا		
•		OTY -																						!!!!!			FY-97	97	FY-96	7		FY-01	1	
		:							,	9.0	5.1												· ;				FY	1/97		7		-	4	
•		AMT							•	0	S													1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5.		FY-96	3/97		4		•	40	,
ì	10-14	' ; ;																					!		ROUNDE		FY-95 		FY-95	2 3		FY-00	41	1
		OTY																					1	1	T 01		F.	1/96 3/96	FY.			FY-	4	
																,	INSTALLATION OF HARDWARE	KITS	KITS	KITS	KITS	KITS	TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)			CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	-		INSTALLATION SCHEDULE:	41	•
			ĉ	3010)	Š	ali.		ç	ပ္ပ	SRS		~	II P			G LAB	OF HA	6 KI					LL OT		(BP-1			TE (Q	N SCH	QUARTERS	INPUT	ATION SCHI	INPUT	* > 1
			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONBECTER	FNT	T LOS	EQUIP NONREC	CHANGE ORDERS		SIM/TRAINER	SUPPORT-EQUIP	10		SOFTWRE INTG LAB	ATION		20	163	169	163	INSTA		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD	MILESTONES		ACT-DA	LATIO	QUAR	1 B	LATIO		•
			RDT&E	CURE	INSTA	KTTS I	EOILT PMENT	1000	COULP	HANG	DATA	II/MI	SUPPO	BLOCK 10	290	SOFTW	STALL	FY-95	FY-96	FY-97	FY-98	FY-99	OTAL		OTAL	ILESI		CONTR.	NSTAL			NSTAI		

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: PACER LINK PH II

DATE 02/14/97 FY 1998 PB CENTER: OC-ALC

PE 0101312F

TEAM INFO CLASS P CLC C-135 MN-3156 MODELS OF AIRCRAFT AFFECTED: EC-135

DESCRIPTION/JUSTIFICATION: Replaces components (UHF radios, multiplexer, switchboard, interphone) with ElectroMagnetic Pulse (EMP) hardened components. To accommodate supportability problems with the ARC-89 radio, an early swapout on EC-135 aircraft was accomplished. Reduces CINC's ABNCE and STRATCOM''s relay aircraft configurations from 7 to 2. Modification cost varies by aircraft model and mission. Installs and kit quantity differ by 13 kits due to force structure changes.

AIRCRAFT BREAKDOWN: Active -- 39 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN	İ		i	,	i	į	i	ç	ì	0	S S	ç
	PR	PRIOR AMT	ey- OTY	FY-96 AMT	P.Y.	FI-9/ AMT	QTY	96 AMT	OTY (AMT	QTY	AMT
		1	1		1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1	1		: :	1
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	32	30.3										
KITS NONRECUR	7	7.3										
EQUI PMENT (32)	73.0										
EQUIP NONREC (7)	47.8										
CHANGE ORDERS		36.4										
DATA		16.4										
SIM/TRAINER		5.6										
SUPPORT-EQUIP		28.5										
ICS		4.5				0.8						
090												
INSTALLATION OF HARDWARE												
FY-89 39 KITS												
		1	1		1	1 1 1 1 1		1		1	1	
TOTAL INSTALL QTY/COST												
	1	1	1	1 1 1 1	!	1111111	1	1	1	1 1 1 1	1	;
TOTAL COST (BP-1100)	39	249.8				0.8						
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		ALLATION	CONTRAC	INSTALLATION CONTRACTOR FACILITY								
1	NITIAL	INITIAL LEAD TIME 18 MONTHS	- 18 MON	rhs	Ĭτι	FOLLOW-ON LEAD TIME 18 MONTHS	AD TIME	18 MONTH	တ			

*** UNCLASSIFIED *** PAGE 052-13

	TOTAL AMT		30.3 7.3.7 7.3.0 16.4 16.4 5.6 5.2 0.0		250.6		
NUED)	TO QTY	! !	8 6		39		
(CONTINUED)	OMP AMT						3 4 2 2
	TO COMP QTY /						FY-92 1 2 2 1 3 1
	AMT	1					33 4
	FY-03 QTY	1		•			FY-91 2 1 2
	AMT				26-		2 2 2 11
II H	FY-02				FY		FY-90 2 3 2 2 2
PACER LINK PH II UED)	QTY	!			FY-91		1 1
NITN	FY-01 AMT				DING.) FY-90		3 4
V-31	PY			1	TO ROUN FY-89	1/89	FY-89 2 1
FACT SHEET: C-135 MPROJECTED FINANCIAL PLAN		RDT&E (3600)	INSTALL KITS KITS NONRECUR EQUIPMONTEC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP ICS OGC INSTALLATION OF HARDWARE EVALUATION OF HARDWARE EVALUATION OF HARDWARE EVALUATION OF HARDWARE EVALUATION OF HARDWARE EVALUATION OF HARDWARE	INSTALL	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES EY-89 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 6

PAGE 052-14 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-135

TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Incorporates an Automatic Communications Processor (ACP) in C/KC-135 aircraft. This provides command and control compatibility with AMC and significantly enhances high frequency capabilities.

AIRCRAFT BREAKDOWN: Active -- 256 RES -- 72 ANG -- 224 PE 0401218F CENTER: OC-ALC MODIFICATION TITLE AND NO: HF AUTO COMM PROCESSOR (ACP) MN-3353

DEVELOPMENT STATUS: None.

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- 12 MONTHS AMT FY-98 QTY 0.8 12.2 0.1 2.8 6.9 AMT FY-97 206 206 (206) QTY 7.2 5.8 10.4 0.4 0.1 (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE AMT FY-96 INITIAL LEAD TIME -- 9 MONTHS 216 216 (216)QTY 3.6 6.4 1.5 0.9 AMT PRIOR 130 130 QTY PROJECTED FINANCIAL PLAN TOTAL COST (BP-1100) PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER **EQUI PMENT**

*** UNCLASSIFIED *** PAGE 052-15

FACT SHEET: C-135 MP PROJECTED FINANCIAL PLAN	1-33		FO COMM P	HE AUTO COMM PROCESSOR (ACP)	(a)			(CONTINUED)	NUED)	
	FY-01			FY-02		FY-03	TO	TO COMP		TOTAL
	OTY 	AMT	OTY	AMT	OTY	AMT	OTY	AMT	OTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									552	7.1
KITS NONRECUR										0.4
EQUI PMENT										17.7
EQUIP NONREC										
CHANGE ORDERS										
DATA										1.2
SIM/TRAINER										2.6
SUPPORT-EQUIP										
250										0.1
					!	1	!	1	!!!!	
TOTAL COST (BP-1100)									552	29.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	E TO ROUND	ING.)								
MILESTONES										
	FY-95	FY-96	FY-97							
	1									
CONTRACT-DATE (QTR/FY)	4/95	3/96	1/97							
DELIVERY-DATE (QTR/FY)	3/96	2/97	1/98							

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL

PE 0401218F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P FY 1998 PB MODIFICATION TITLE AND NO: GROUND COLLISION AVOIDANCE SYSTEM MN-3368

DESCRIPTION/JUSTIFICATION: Installs system that alerts aircrew to flight profiles that project an impact with the ground. AIRCRAFT BREAKDOWN: Active -- 166 RES -- 34 ANG -- 86

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: C/KC-135

DATE 02/14/97

DEVELOPMENT STATUS: Development complete. USAF directed restructure to allow NDI or modified OTS alternatives.

PROJECTED FINANCIAL PLAN	PR	PRIOR	FY	FY-96	E	FY-97	£Ϋ́	FY-98	FY	FY-99	Y.	FY-00
	QTY	⋖					OTY		OTY		QTY	
RDT&E (3600)	1 	 	 	 	! ! ! !	† † ! ! !		† - 	1 	 	! ! !	
PROCUREMENT (3010)	į	¢	č	(•		Ç	•		i.
INSTALL KITS KITS NONRECUR	164 3	0.0	84	0.3			-		105	0.4	115	6.0
EQUI PMENT	(164)	5.4	(84)	2.7			(1)		(102)	1.8	(115)	4.1
EQUIP NONREC	3)	3.6										
CHANGE ORDERS				0.8				0.3				
DATA		1.3		1.4				0.3		0.4		0.4
SIM/TRAINER				1.4				0.5		0.5		
SUPPORT-EQUIP												
250						0.1		0.1		0.1		0.1
INSTALLATION OF HARDWARE												
FY-95 167 KITS	3)	0.8					(66)	2.1	(69)	1.6		
FY-96 84 KITS									(84)	1.9		
FY-98 1 KITS									(1)	0.1		
FY-99 105 KITS											(105)	2.4
FY-00 115 KITS												
FY-01 5 KITS												
FY-02 13 KITS												
FY-03 43 KITS												
FY-04 56 KITS												
		1 1 1 1 1			1		1	1				
TOTAL INSTALL QTY/COST	۳ ا	0.8	1	1 1 1 1 1	! ! ! !	1 1 1 1 1	95	2.1	154	3.5	105	2.4
TOTAL COST (BP-1100)	167	12.3	84	6.7		0.1	н	3,3	105	6.7	115	7.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.	TO ROUN	DING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	N: INST	ALLATION	- DEPOT/F	IELD TEAM								
	INITIAL	INITIAL LEAD TIME 6 MONTHS	6 MONT	HS	124	FOLLOW-ON LEAD TIME 6 MONTHS	EAD TIME .	6 MONTH	"			

PAGE 052-17
*** UNCLASSIFIED ***

											FY-05 F			
											FY-04	1/04		
	AMT		2.5	18.3 3.6	2.4	9.0	4.0 1.0 2.1 4.7	0.3	14.3	48.9	FY-03	1/03	3 4 38 38 38 38	3 4 4 212 4 212
	TOTAL								! !	•	FY-02	1/02 3/02	FY-01 2 24 3 24 3	FY-06 2 3 4 14
(VED)	T QTY		586	n			167) 84) 1) 105) 115)	13) 43) 56)	589	589			1 24 24	— w w
(CONTINUED)	£		0.3	2.1	0.4			1.2 (2.4	5.3	FY-01	1/01	24 24	400
•	TO COMP								[] []) 	FY-00	1/00	00 3 23 23	33
	TO QTY		56	56)				43)	99	56	FY-99	1/99 3/99	FY-00	FY-05 1 2 1 2
		!	0.2	1.5 (0.4			0.3	0.3	2.4			4	1114
	03 AMT		0		0			0	0	2 1	FY-98	1/98 3/98	e	1 1 3
STEM	FY-03 QTY	1	43	43)				13)	13	43	FY-97		FY-99	FY-04 2 29 29
ICE SY	a	1		~				_	•	t	FY-96	4/97 2/98	۲٠	1 29 29
OIDAN	AMT		0.1	0.5	0.4		•		0.1	1.1		4/	4	29 29
GROUND COLLISION AVOIDANCE SYSTEM	FY-02								!	i t i	FY-95	4/97 2/98	38	3 28 28 28
SOTTIS	QTY		13	13)				Ĉ		13	FY-94		FY-98 2 3 3	FY-03 2 27 27
OUND (C	<u></u>	!		0.2	0.4	0.1	2.7	-	2.7	3.3			7	1 26 26
68 GROU (CONTINUED)	01 AMT			J		Ū	.,		2.7	ING.)	FY-93		ю 4	3 4 6 26 6 26
368 (CON	FY-01 Y		Ŋ	5)			2		115	5 ROUNDING.)	FY-92		FY-97 2	Y-02 2 3 39 26 39 26
MN-3368 AN (CC	QTY			_			(115)		¦	1	ΕΫ́		EY.	ir.
FACT SHEET: C-135 M PROJECTED FINANCIAL PLAN						OGC TNSTALLATION OF HARDWARE	25 25 25 25 25 25 25 25 25 25 25 25 25 2	. ស	TOTAL INSTALL OTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO		(QTR/FY) (QTR/FY)	DULE:	DULE: 1 39 39
C-135 INANCIA		_	3010) S	ຊ ນຸຊ	S di	שבו שכ	KITS KITS KITS KITS KITS KITS		LL OTY	(BP-11		7E (QT	ION SCHE PARTERS INPUT OUTPUT	TON SCHE PARTERS INPUT OUTPUT
HEET: TED F		(3600	ENT (CONFEC ENT NONRE(AINER T-EQUI	NOTE	167 167 84 105 115	13 43 56	INSTAI	COST S MAY		CT-DAI	CATION SCI QUARTERS INPUT OUTPUT	CATION SCI QUARTERS INPUT OUTPUT
FACT SHEET: PROJECTED FI		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	OGC	EY-95 FY-96 FY-98 FY-99 FY-99	FY-02 FY-03 FY-04	OTAL	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
		и.	PRC	(, ₁₁ 0, 0	TNO	, , , , , , , , , , , , , , , , , , ,	~ 111 111	۲	F ~ 2	•	ОД	1	Ħ

FY-06

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE EXHIBIT P3A CONGRESSIONAL

TEAM INFO

PE 0305154F

MODELS OF AIRCRAFT AFFECTED: RC-135

FY 1998 PB MODIFICATION TITLE AND NO: RIVET JOINT MN-4263

DATE 02/14/97

CENTER: OC-ALC

CLC C-135

DESCRIPTION/JUSTIFICATION: Procures and installs various classified modifications on RC-135 aircraft. AIRCRAFT BREAKDOWN: Active -- 19 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Classified.

PROJECTED FINANCIAL PLAN

FY-00 QTY AMT FY-99 QTY AMT FY-98 OTY AMT FY-97 QTY AMT FY~96 QTY AMT PRIOR QTY

AMT

RDT&E (3600)

34.0

32.3

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SUPPORT-EQUIP SIM/TRAINER

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

	TOTAL AMT	1 1 1 1 1 1 1	66.3	66.3
(CONTINUED)	TO QTY	1 		[
(CONT)	TO COMP	 		
	TO QTY	1 1 1 1 1		
	FY-03 AMT	 		
	FY QTY	t ! ! !	•	# # # # # # # # # # # # # # # # # # #
	FY-02 AMT	* * * * * * * * * * * * * * * * * * *		1
JOINT	PI			-
MN-4263 RIVET JOINT AN (CONTINUED)	FY-01 AMT	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
MN-4263 LAN (CO	FY QTY	 		!
FACT SHEET: C-135 MN-4263 RIVE: PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIMPATALIER SUPPORT-EQUIP	TOTAL COST (BP-1100)

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: C-135

DATE 02/14/97

PE 0401218F TEAM MOBIL

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P FY 1998 PB MODIFICATION TITLE AND NO: INMARSAT AND SATCOM UPGRADE MN-9605 DESCRIPTION/JUSTIFICATION: Design/procure/install/test and provide data for multichannel Inmarsat and Milsat communications upgrades to US CINCCENT aircraft.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Integration of commercial off-the-shelf equipment, non-developmental.

PROJECTED FINANCIAL PLAN

the state of the s	Ba	PRIOR	FY-	FY-96	FY	FY-97	FY-98	86	FY	FY-99	FY	FY-00	
		Æ	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)		! ! ! ! !	; ; ;	 	: : :	1		; ; ;	; ; ;	5 3 3 5 5 7	1 1 1	£	
PROCUREMENT (3010)			•	Ċ			d	Ċ					
INSTALL KITS KITS NONRECUR			-	0.8			7	0.8					
EQUIPMENT EQUIP NONREC													
CHANGE ORDERS													
DATA								1.0					
SIM/TRAINER													
SUPPORT-EQUIP													
290													
INSTALLATION OF HARDWARE													
FY-96 1 KITS			(1)	0.1									
FY-98 2 KITS							(2)	0.8					
TOTAL INSTALL QTY/COST	! ! !	 	-	0.1		1	2	0.8		! ! ! ! !		6 6 8 9 5 8	
TOTAL COST (BP-1100)	 - - - -	1	1	1.2	1	1	2	3.2	!	1	! !		
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	TO ROUN	DING.)	DEPOT										
	INITIAL	INITIAL LEAD TIME 1 MONTHS	- 1 MONTE	SI	E	FOLLOW-ON LEAD TIME 0 MONTHS	AD TIME -	- 0 MONTHS					

	TOTAL AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.9	1.0	0.1	0.0	4.4		
NUED)	TC		ო		(1)	3	3		
(CONTINUED)	TO COMP	\$ 2 2 2 4 4 1							3 4
	TO QTY	<u> </u>							FY-99 1 2 1 1
	-03 AMT	 1 1 1 1 1							33
30	FY-03 QTY	!							FY-98
INMARSAT AND SATCOM UPGRADE TUED)	FY-02 AMT						FY-99		1 3
sat and say		!				.	_	2/98 3/98	FY-97 1 2 1
NIIN	FY-01 AMT	; { { { { { { { { { { { { { { { { { { {					DING.) FY-97		3
96-1		; - - -					TO ROUN	4/96	FY-96 2
FACT SHEET: C-135 MP PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	OGC INSTALLATION OF HARDWARE FY-96 1 KITS FY-98 2 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 052-22
*** UNCLASSIFIED ***

DATE 02/14/97

EXHIBIT P3A CONGRESSIONAL

TEAM MOBIL

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P PE 0401218F FY 1998 PB MODIFICATION TITLE AND NO: HIGH RELIABILITY MAINT FREE BATTERY MN-KC4218 CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: KC-135 DESCRIPTION/JUSTIFICATION: The high reliability maintenance free battery program reduces maintenance and increases reliability by installing two sealed lead acid batteries in the place of the four existing vented nicad batteries. Note: Concurrent installation with Pacer Crag in FY98 saves \$814K.

AIRCRAFT BREAKDOWN: Active -- 315 RES -- 62 ANG -- 225

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN	PRIOR	ë	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	ΕÝ	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)	9	c	ç	c	001	a C	180	c	176	œ C		
KITS NONRECUR	2)	0.3	70	•	001	•	201		2	•		
EQUI PMENT	(100)	9.0	(62)	0.4	(180)	6.0	(180)	9.0	(180)	0.4		
EQUIP NONREC	(2)	0.1										
CHANGE ORDERS				0.1								
DATA		0.2		0.1								
SIM/TRAINER												
SUPPORT-EQUIP							*					
250												
INSTALLATION OF HARDWARE												
FY-95 100 KITS												
FY-96 62 KITS					(62)	0.8						
FY-97 180 KITS							(180)	2.1				
									(180)	2.6		,
FY-99 176 KITS											(176)	2.7
	1 1 1	1		1	1		 			1 1 1 1	1	
TOTAL INSTALL QTY/COST	 	! ! ! !	1		62	0.8	180	2.1	180	2.6	176	2.7
TOTAL COST (BP-1100)	100	2.1	62	6.0	180	2.5	180	3.6	176	3.8		2.7
(TOTALS MAY NOT ADD DUE TO	0	ING.)										
METHOD OF IMPLEMENTATION:	:	N: INSTALLATION DEPOT/FIELD TEAM	- DEPOT/FI	IELD TEAM	Ŀ	T NO-WOLLO	TAN TIME	SHINOW 6 BMIT GEST NO-MOLICE	ď			
	TUTITUT	- THE CHAI	T NOW 6	2	•	T NO HOTTO)			

	PI	FY-01 AMT	QTY	FY-02	AMT	FY-03 QTY)3 AMT	T' QTY	TO COMP	AMT	YTQ	TOTAL	AMT
RDT&E (3600)	1	1	1	:	!								
PROCUREMENT (3010)			•										
INSTALL KITS											698		3.6
KITS NONRECUR													0.3
EQUIPMENT													2.9
EQUIP NONREC													0.1
CHANGE ORDERS													0.1
DATA		0.8	m										1.1
SIM/TRAINER													
SUPPORT-EQUIP													,
													0.1
INSTALLATION OF HARDWARE													
807											;		
700										_	(29)		0.8
180										•	(180)		2.1
180										_	180)		5.6
FY-99 176 KITS										•	(176)		2.7
TOTAL INSTALL QTY/COST			1 1 1	•	 	!		i i i			598	!	8.3
	; ;	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	!	-	!		1 1 1		!	1	ĺ	-
TOTAL COST (BP-1100)		0.8	~								698		16.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	DING.)											
	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01						
CONTRACT-DATE (OTB/EV)	4/95	2/08	2/07	100/6	2/00	1	1						
DELIVERY-DATE (QTR/FY)	4/96	1/97	1/98	1/99	1/00								
INSTALLATION SCHEDULE:	FY-95		FY	FY-96		FY-97		£	FY-98		Įz,	FY-99	
QUARTERS 1	8	3 4		2 3	4 1	7	3 4	1 65	2 3	4 5	1 45	2 2 4 5 7	3 45
OUTPUT					2 2		1		65 65	45	45		
INSTALLATION SCHEDULE: QUARTERS 1	FY-00 2	34	1 FY	FY-01 2 3	4								
	45												
OUTPUT 45		45 45	43										

PAGE 052-24 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

TEAM MOBIL

PE 0401218F

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P MODIFICATION TITLE AND NO: MULTIPOINT REFUELING MN-KC4231

CENTER: OC-ALC

MODELS OF AIRCRAFT AFFECTED: KC-135R

DESCRIPTION/JUSTIFICATION: Install drogue/hose reels on aircraft to provide multipoint refueling capability to support U.S. Navy probe-equiped aircraft. 45 aircraft are being modified to ensure that 33 are available at all times to accomplish multipoint refueling. 33 sets (2 per aircraft) of PODs are being procured.

AIRCRAFT BREAKDOWN: Active -- 45 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	٥	do Figure	Š	90 N	FW-07	70	60.77	80	FV-00	o	PY-00	00
		ALUK		AMT		AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	i i i i	20.7		12.8	! ! ! !							
PROCUREMENT (3010)												
INSTALL KITS			2	3.1	ß	4.4	വ	4.4	S	4.7	15	14.8
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS				0.5		9.0		0.1				0.5
DATA				9.0		0.2						
SIM/TRAINER												
SUPPORT-EQUIP				2.4								
WARRANTY				0.1		0.1		0.2		0.2		0.2
PODS			(4)	5.5	(01)	10.8	(10)	10.8	(01)	10.6	(18)	19.5
INSTALLATION OF HARDWARE												
FY-96 2 KITS					(2)	5.5						
FY-97 5 KITS							(2)	9.9				
FY-98 5 KITS									(2)	4.7		
FY-99 5 KITS											(2)	5.3
FY-00 15 KITS												
FY-01 12 KITS												
TOTAL INSTALL QTY/COST	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 2 1 1 1 1	2	5.5	5	9.9	5	4.7	2	5.3
TOTAL COST (BP-1100)		: : : :	2	12.2		21.6	5	22.1	S	20.1	15	40.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY	N: INS	TALLATION	- CONTRAC	TOR FACILIT		SUBJECT TO THE THE TOTAL	DMTE CA	12 MONTE	2			
	INITIAL	INITIAL LEAD TIME IS MONTHS	NOW CI	LHS	2	JULOW~VIN LE	- gurt GW	TO ELONDE	2			

	AMT		42.7	2.6	2.4 1.2 70.4	5.5 6.6 4.7 5.3 15.3	49.8	169.9		2 2 4	4
	TOTAL									FY-98 2 1	FY-03 2
(CONTINUED)	QTY		44			(2) (5) (5) (5) (14) (13)	44	44 FY-03		2 1 2 2	4 G 4
00)	TO COMP						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FY-02		3	6 4 E
	TO						!	FY-01	1/01	FY-97	FY-02 1 2 3 3
	AMT	!						FY-00	1/00	3 4	3 7 7 7 3 3
	FY-03 QTY	! !					 	FY-99	1/99	FY-96 2	FY-01 2 4
NG	AMT (i !		0.3		12.5		12.8 FY-98	1/98	4	4 T Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
MULTIPOINT REFUELING 3D)	FY-02						ļ	FY-97	1/97 2/98	FY-95 2 3	FY-00 2 3 1 2
LTIPOINT	QTY		4	ω	£ 4		3 13	FY-96	3/96	FY-	FY-
INI.	FY-01 AMT	; ; ; ; ;	11.4	0.5	0.3	15.3	15.3	40.8 ING.) FY-95		ъ 4	3 4 1 2 2 1
- <u>F</u>		 	12		(12)	(14)	14	12 TO ROUNI FY-94		FY-94 2	FY-99 2 2
FACT SHEET: C-135 MN PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP WARRANTY PODS	INSTALLATION OF HARDWARE FY-96 2 KITS FY-97 5 KITS FY-99 5 KITS FY-00 15 KITS (FY-01 12 KITS (FY	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 12 4 (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-94 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 2

PAGE 052-26 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Part of 3-phased simulator upgrade program encompassing C-141, C-5, KC-10, and KC-135 simulators with a new, state-of-the-art visual system and motion base. These upgrade efforts will allow AMC to move flying proficiency training from the more TEAM MOBIL expensive aircraft to the simulator. Projected savings across all weapon systems when the upgrade is complete is approximately \$34M. This program supports AMC C-MNS 001-93, MNS AMC 021-93, and ORD AMC 021-93 I/II/III. KC-135 motion systems: FY99 6 (\$6.6M) and FY00 (\$10.1M), KC-135 visual systems: FY99 1 (\$6.4M), FY00 2 (\$15.5), FY01 4 (\$23.5), FY02 4 (\$28.6), and FY03 5 (\$31.4). CLASS P PE 0401897F CLC C-135 CENTER: 00-ALC MODIFICATION TITLE AND NO: SIMULATOR UPGRADE MN-SIM135 MODELS OF AIRCRAFT AFFECTED: C-135 SIMULATORS

AIRCRAFT BREAKDOWN: Active -- 14 RES -- 3 ANG -- 2

DEVELOPMENT STATUS: None required.

AMT FY-00 QTY AMT FY-99 ΩŢΥ AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 OTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

RDT&E (3600)

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER **EQUI PMENT**

13.0

25.7

25.7

13.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- MONTHS

TOTAL COST (BP-1100)

SUPPORT-EQUIP

FOLLOW-ON LEAD TIME -- MONTHS

*** UNCLASSIFIED *** PAGE 052-27

457

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	r 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AII	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	MODIFICATIONS	SP.	P-1 ITEM NOMENCLATURE: E-3	ATURE: E-3			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$222.764	\$265.865	\$134.659	\$114.941	\$102.996	\$111.784	\$73.524	\$30.710

This line item funds modifications to the E-3 aircraft. The four engine E-3 is a modified Boeing 707 airframe which carries airborne radar and provides all-altitude air surveillance, threat warning, and control of theater air forces. The overall goal of the modifications budgeted in FY98 is to upgrade the mission systems. The specific modifications budgeted and programmed are below.

_	O PROG.		63.0	147.6	313.2	40.7	108.8	134.4	26.7	19.5	2.7	5.6	24.4	86.9	23.9	450.1	6.0		
COST	TO GO																		
FY-03														13.9		16.8		30.7	30.7
FY-02														8.9		64.7		73.5	73.5
FY-01								28.5			0.1	0.1		5.3		77.8		111.8	111.8
FY-00					0.1			23.6			0.2	0.1		3.3		75.7		103.0	103.0
FY-99			1.3		18.3	0.3		30.9			0.2	0.1		1.8	1.1	61.0		114.9	114.9
FY-98		0.1	3.5		16.8	0.4		23.2	3.2		0.2	0.2	10.6	9.9	5.9	64.0		134.7	134.7
FY-97		9.0	17.3		94.3	16.7	36.7	7.3	0.1	7.7		2.4	5.1	16.0	17.0	44.7		265.9	265.9
FY-96		9.0	32.2	0.1	61.0	7.9	28.3	6.6	9.0	11.9		1.4	8.9	15.8		45.3	0.9	222.8	222.8
	MODIFICATION TITLE	REPLACE MAG TAPE TRANSPORT	NAVSTAR GLOBAL POSITIONING SYS	HAVE QUICK A-NET	ELECTRONIC SUPPORT MEASURES (E	JIIDS TADIL J	DATA ANALYSIS PROGRAMMING GROU	EXT SEN, COMPUTERS AND DISPLAY	EXT SEN, BACKSHOP	EXTEND SENTRY, COMMUNICATION	EXTEND SENTRY, EXECUTION	PDWA	EXTEND SENTRY, RADAR SYSTEMS	EXTEND SENTRY	OFFENSIVE COUNTER AIR	RADAR SYSTEM IMPROVEMENT PROGR	REPROGRAMMINGS	CLASS P TOTAL FOR E-3	
COM		17600B	3150	3246	3371	3401	3402	50001A	50001B	50001C	50001E	50001P	50001B	50001X	700010	7266	288888	_	TOTAL FOR E-3
	CLASS	۵	•																EO.E

Totals may not add due to rounding.

PAGE NO. P-1 SHOPP LIST ITEM NO. 053

459

UNCLASSIFIED



DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P

DESCRIPTION/JUSTIFICATION: Modification replaces unreliable Magnetic Tape Transport (MTT) with a disk drive system to provide an efficient, reliable, maintainable system for loading data into and recording from the mission computer. The E-3 uses a mixed brand MMT (Ampex and Miltape) 3 in each aircraft. None of the present tape drives meet specified MTBF. Past year average MTBF for both systems runs 289 hours. Maintenance manhours are 7365 with the hard failures totaling 2034 hours. Additionally, upload compatibility between the support system TEAM INFO PE 0207417F MODIFICATION TITLE AND NO: REPLACE MAG TAPE TRANSPORT MN-17600B CENTER: ESC and the tape transports has been a continual problem. MODELS OF AIRCRAFT AFFECTED: E-3

AIRCRAFT BREAKDOWN: Active -- 34 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Initial development complete.

PROJECTED FINANCIAL PLAN												
	PRIOR	OR	FY-96	96	FY-97	.97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDI&E (3600)		! !		! ! !	1		: : :		1			!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
PROCUREMENT (3010)												
INSTALL KITS	34	0.5										
KITS NONRECUR												
EQUI PMENT	(34)	7.3										
EQUIP NONREC												
CHANGE ORDERS		1.6										
DATA		4.1										
SIM/TRAINER		2.7										
SUPPORT-EQUIP		2.2		9.0		9.0		0.1				
ICS												
DEPOT												
ASIF												
	1		11111				1 1 1	1 1 1 1 1		1 1 1 1 1 1	1	1
TOTAL COST (BP-1100)	34	18.4		9.0		9.0		0.1				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)										
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE	N: INSTA	LLATION	ORG/INTER	WEDIATE								
	INITIAL L	INITIAL LEAD TIME 12 MONTHS	- 12 MONTH	13	FO	Trom-on re	AD TIME -	FOLLOW-ON LEAD TIME 12 MONTHS	60			

*** UNCLASSIFIED *** PAGE 053-1

(CONTINUED)

FACT SHEET: E-3 MN-17600B REPLACE MAG TAPE TRANSPORT PROJECTED FINANCIAL PLAN (CONTINUED)

	F	FY-01		FY-02		FY-03	TO	TO COMP	TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY 	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									34	0.5
KITS NONRECUR										1
EQUIPMENT										7.3
EQUIP NONREC										
CHANGE ORDERS										1.6
										4.1
SIM/TRAINER										2.7
SUPPORT-EQUIP										3.5
				1 1 1 1 1 1	1			1 1 1	1 1 1	1
TOTAL COST (BP-1100)									34	19.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)								
,	FY-88									
CONTRACT-DATE (QTR/FY)	4/89									
DELIVERY-DATE (QTR/FY)	4/90									

PAGE 053-2

MODIFICATION OF AIRCRAFT

DATE 02/14/97 FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CIC

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

aircraft. This effort is part of the E-3 block 30/35 modification. In FY95, ECP 1204R2 was added to the contract to modify GPS with the additional kit to retrofit the trial installation A/C. Therefore, aircraft installs in FY96 and on will include the new GINS kits. The install kit costs for GINS, as well as all other Block 30/35 mods, are shown in the ESM mod, MN 3371. GINS installation costs are shown Inertial Navigation System (GPS +INS=GINS). A stop work order was initiated for the stand alone GPS equipment that was not common to the GINS equipment configuration. In FY96, a quantity of 22 GINS equipment kits were purchased to enable the ECP to coincide with the depot DESCRIPTION/JUSTIFICATION: Navstar Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military TEAM INFO installation schedule. The 22 kits were for the FY93 buy of three (3), the FY95 buy of nine (9), the FY96 buy of nine (9), and an PE 0207417F CENTER: ESC AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0 MODELS OF AIRCRAFT AFFECTED: E-3

cannot be awarded until all funds from all services are received; therefore, 2nd qtr award is programmed to allow sufficient time for the administrative details. 3600 funding for this program is part of the total block 30/35 effort and is depicted on ESW, Mod 3371. DEVELOPMENT STATUS: Satellites and control segments are currently in production/deployment. The DoD interservice Group B contract

PROJECTED FINANCIAL PLAN													
	PRIOR	OR	FY	FY-96	FY~97	-97	FΥ	FY-98	FY	FY-99	£	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)	<u> </u>	 	1		 	1	1 1 1 3		 	! ! ! ! !	i 1 † †		
PROCUREMENT (3010)							٠						
INSTALL KITS	က	0.7											
KITS NONRECUR				8.5									
EQUIPMENT	(12)	7.8	(6)	23.0	(01)	16.7							
EQUIP NONREC													
CHANGE ORDERS								3.0		0.8			
DATA		0.1				0.1							
SIM/TRAINER													
SUPPORT-EQUIP													
COM MOD KITS				0.8									
INSTALLATION OF HARDWARE													
FY-93 3 KITS	(3)	0.1											
			1		1		!		-	1	1	1	
TOTAL INSTALL QTY/COST	8	0.1			6	0.5	6	0.4	10	0.5			
	!!!!!!			!		1	1					1	
TOTAL COST (BP-1100)	က	8.7		32.2		17.3		3.5		1.3			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)											
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	N: INSTA	LLATION	DEPOT/F	IELD TEAM									
	INITIAL L	INITIAL LEAD TIME 26 MONTHS	26 MON	THS	H	FOLLOW-ON LEAD TIME 26 MONTHS	AD TIME -	26 MONTH	IS				

*** UNCLASSIFIED *** PAGE 053-3

SYSTEM	
AVSTAR GLOBAL POSITIONING S	
GLOBAL	
NAVSTAR	(CONTINUED)
MN~3150	PLAN
: E-3	PROJECTED FINANCIAL PLAN
FACT SHEET:	PROJECTED

(CONTINUED)

£	 	0.7 8.5 47.5	3.8	8.0	0.1	1.5	63.0			4 6 6			
TOTAL AMT		4			0.1	1.5	9			FY-97 2 3 3 3			
TOI		м			3)	31	e e			1 FY.			
0	i				~					4 4 1			
MP AMT					1					юнн			
TO COMP QTY	!				;			FY-00		FY-96 1 2 1			
, AMT								FY-99		₄	•	ى 4	
FY-03 OTY								FY-98		FY-95 2	FY-00	7	
	i 							FY-97	1/97	4 1	•	4 1	3 1
FY-02 AMT								FY-96	1/96	33	6	יי רי	າຕ
QTY					1			FY-95	2/95	FY-94	FY-99	7 6	1. 3.
1 AMT	 						ING.)	FY-94		4	•	.	+ m
FY-01 QTY							TO ROUNDE		1/94 2/96	FY-93 2 3	FY-98	2 6	2 0
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP COM MOD KITS INSTALLATION OF HARDWARE		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) TOTALS MAY NOT ADD DUE TO ROUNDING.)	LEGI ONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	HEDULE:	QUARTERS 1	OUTPUT 3
	œ	PRO I K	ысци	SOINS	[24	H	₽~;	2	υD	H	н		

PAGE 053-4 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: HAVE QUICK A-NET MN-3246 FY 1998 PB

PE 0207417F TEAM INFO CENTER: ESC MODELS OF AIRCRAFT AFFECTED: E-3B/C DESCRIPTION/JUSTIFICATION: Replaces four AN/ARC-171 UHF radios with a total of four have quick a-net UHF radios. Modification is required to enhance UHF communications effectiveness in an Electronic Countermeasures (ECM) environment.

AIRCRAFT BREAKDOWN: Active -- 34 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	Ωı	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		1.0										
PROCUREMENT (3010)												
INSTALL KITS	33	18.1										
KITS NONRECUR	1	2.7										
EQUI PMENT	(33)	104.3										
EQUIP NONREC	(1)	3.7										
CHANGE ORDERS		1.0				,						
DATA		5.9										•
SIM/TRAINER												
SUPPORT-EQUIP		4.2		0.1								
ICS		5.0										
INSTALLATION OF HARDWARE												
FY-87 7 KITS												
FY-88 3 KITS												
FY-89 3 KITS												
FY-90 7 KITS	(07)											
FY-91 5 KITS	(2)	1.8										
FY-92 9 KITS	(6)	0.8										
TOTAL INSTALL QTY/COST	34	2.6	!	1		! ! ! !	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	
	!!!!!!			1 1 1 1 1 1	1			1 1 1 1 1 1 1			1	
TOTAL COST (BP-1100)		147.5		0.1								
(TOTALS MAY NOT ADD DUE TO	0	ROUNDING.)										
METHOD OF IMPLEMENTATION:	SNI INS	INSTALLATION DEPOT	DEPOT		Ŀ	T NO MOTIO	0.41	10 100				
	THITTHE	THITTHE PERSON TIME 24 MONTHS	NOW #7	TH2	Li .	FULLOW-ON LEAD LIME TO MONING	ANTI ONE	HINOM OT	n			

PAGE 053-5
*** UNCLASSIFIED ***

HAVE QUICK A-NET	â
10	(CONTINUE
MN-324	, PLAN
ACT SHEET: E-3	ROJECTED FINANCIAL
[zi	۵

(CONTINUED)

AL AMT				18.1	2.7	104.3	3.7	1.0	5.9		4.3	5.0						1.8	0.8	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	2.6		14/.6			
TOTAL				33	1												(20)	(2)	(6)	!	34		4			
TO COMP																				1		 		i	FY-95	
TO	; ;																			1		t # 		i	FY~94	
3 AMT																				1		! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !		i	FY-93	
FY-03																	٠					;		i	FY-92	2/92
TMA	· !																							i	FY-91	4/91
FY-02																				!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		 		;	FY-90	1/91
) } }																				!!!!!		! ! !		i	FY-89	2/89
01 AMT]	ING.)	i	FY-88	2/89
FY-01	1 1																			:		! !	TO ROUND	:	FY-87	2/89
		RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	equi pment	EQUIP NONREC	CHANGE ORDERS		SIM/TRAINER	SUPPORT-EQUIP		INSTALLATION OF HARDWARE	7 7 KITS	8 3 KITS	9 3 KITS	0 7 KITS	1 5 KITS	2 9 KITS		TOTAL INSTALL OTY/COST		TOTAL COST (BF-1100) (TOTALS MAX NOT ADD DUE TO ROUNDING.)	MILESTONES		CONTRACT-DATE (QTR/FY)
		RDT&	PROCUR	INST	KITS	EQUI	EQUI	CHAN	DATA	SIM/	SUPP	ICS	INSTAL	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92		TOTA	1	TOTA (TOT.	MILE		CONT

	FY-91 2	7		
NUED)	H			
CONTINUED)	4 -	•	4	
9	ო		ო	8
	FY90 2		FY-95 2	7 7
	-		-	7
	4		4	n 8
	n		ю	0 0
	FY-89		FY-94 2	3 1
	1		1	5 3
	4		4	ოო
	ო		က	7 7
A-NET	FY-88		FY-93 2	3 2
ICK 7	н		7	7
VE QU (VED)			4	1
HAVE (CONTINUED)	ო		ю	3 %
3246	FY-87 2		FY-92 2	2 5
MN- L PLAN	ULE: 1		ULE: 1	m
: E-3 FINANCIA	ATION SCHEDI QUARTERS INDIT	OUTPUT	ATION SCHEDI QUARTERS	INPUT
FACT SHEET: E-3 MN-3 PROJECTED FINANCIAL PLAN	INSTALLATION SCHEDULE: FY-87 QUARTERS 1 2 TANDIM	, <u>p</u>	INSTALLATION SCHEDULE: FY-92 QUARTERS 1 2	00

PAGE 053-7
*** UNCLASSIFIED ***

OF AIRCRAFT FY 1998 PROGRAM MODIFICATION

02/14/97

DATE

FY 1998 PB

CENTER: ESC

MODELS OF AIRCRAFT AFFECTED: E-3B/C

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P

TEAM INFO

PE 0207417F

EXHIBIT P3A CONGRESSIONAL

CIC E-3 MODIFICATION TITLE AND NO: ELECTRONIC SUPPORT MEASURES (ESM) MN-3371

airborne, shipborne, and ground based emitters. ESM will also provide threat warning capability. Data from the ESM system will be presented at existing E-3 situation display console displays. ESM is part of the E-3 block 30/35 modification. The development contract includes the kit productions option IAW the ESM US/NATO memorandum of understanding, dated 17 Nov 86. 3600 procured 1 trial install kit in FY92. Install kits include funds for all Block 30/35 mod group A kits. These are combined in the contract as one kit and reflected on this P-3. Installation costs are for all Block 30/35 mods excluding GINS. The FY93 install dollars funded the FY96 installations. A change in funding policy now dictate installs be paid with FY dollars from the year the installation occurs. The Electronic Support Measures (ESM) system will allow the E-3 to passively detect, locate, and identify DESCRIPTION/JUSTIFICATION:

AIRCRAFT BREAKDOWN: Active -- 31 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN												
	PRIOR	OR	FY-96	96	FY-97	-97	FY-98	96	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		86.1		4.6		0.3] ! ! !	! ! ! ! ! ! !
PROCUREMENT (3010) INSTALL KITS KITS NOWRECUR	12	31.9	6	19.2	10	22.8						
EQUIPMENT EQUIP MONREC CHANGE ORDERS	(12)	45.2 8.6	(6)	33.5	(10)	40.4						
DATA		1.8		(0.4		0.4		0.3		0.1
SUPPORT-EQUIP		26.4		0.5		7 . 7						
ICS		0.7				1.6		1.6		1.6		
REFURB		1.3				3.4						
TRAINING		1.1										
WARRANTY		2.4				0.1						
GFE				2.1		6.4		0.3		0.3		
INSTALLATION OF HARDWARE												
FY-93 3 KITS (3)	3.3										
6					(6)	15.2						
FY-96 9 KITS							(6)	14.6				
FY-97 10 KITS		•							(10)	16.2		
TOTAL INSTALL QTY/COST	3	3.3			O	15.2	6 	14.6	10	16.2	() () ()	
TOTAL COST (BP-1100)	12	122.7	6	61.0	10			16.8		18.3		0.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 25 M	TO ROUND V: INSTA INITIAL L	ING.) LLATION EAD TIME ·	TO ROUNDING.) N: INSTALLATION DEPOT INITIAL LEAD TIME 25 MONTHS	HS	FC	FOLLOW-ON LEAD TIME 25 MONTHS	AD TIME -	- 25 MONTH	Ø			

PAGE 053-8

TT QTY AMT QTY AMT QTY QTY QTY QTY QTY QTY QTY QTY QTY QT	-) ₁											
119.1 119.1	O ROUNDING	AMT		FY-02 AM		FY-0.		TO QTY	COMP AMT	QTY	TOTAL	MT
119.1 8.6 2.9 10.1 2.9 4.7 4.7 4.7 5.1 6.9) 14.6 (10) 16.2 2.9 2.95 1/96 1/97 2.95 1/96 1/97 2.95 1/96 1/97 4.1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 4 1 1 1 1 3 3 3 1 1 1 1 3 3 3 1 1 1 1	 ROUNDING YY-93 FY 1/94				!	!					!	
119.1 8.6 2.9 1.01 1.0	 > ROUNDING -/94											
119.1 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	 O ROUNDING FY-93 FY									9	1	73.9
119.1 8.6 8.6 8.7 8.6 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	O ROUNDING FY-93 FY 1/94											
8.6 2.9 2.9 2.9 2.9 2.9 2.95 2.95 2.95 2.95	O ROUNDING FY-93 FY 1/94 2/96										-	19.1
2.56.66.66.66.66.66.66.66.66.66.66.66.66.	O ROUNDING FY-93 FY											9.8
2.95 10.11 26.6 5.4 4.7 1.11 2.15 2.95 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 1.96 1.90 2.95 2.97 1.98 1.2 3 4 1.2 3 4 1.2 3 4 1.2 3 4 1.2 3 4 1.2 3 4 1.3 3 3 4 1.3 3 3 4 1.3 3 4 4 1.3 3 4 4 1.3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	 .O ROUNDING FY-93 FY 1/94											
10.1 26.6 56.6 56.7 6 7.1 1.1 2.5 6 7.1 1.1 2.5 6 7.1 1.1 2.5 6 7.1 1.1 2.5 6 7.1 1.1 2.5 6 7.1 1.1 2.5 6 7.1 1.1 2.5 6 7.1 1.1 2.5 7 1.1 2.5 7 1.1 2.5 7 1.1 2.5 7 1.1 2.5 7 1.1 2.5 7 1.1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	 O ROUNDING FY-93 FY 1/94											2.9
26.6 5.4 4.7 1.1 1.1 2.5 4.7 1.1 2.5 9.1 1.1 2.5 9.1 1.1 1.1 2.5 9.1 1.1 1.1 2.5 9.1 1.1 1.1 1.1 1.1 1.1 1.1 1	O ROUNDING O ROUNDING 1/94											10.1
5.4 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4	O ROUNDING FY-93 FY 1/94											26.6
4.7 1.1 2.5 4.7 1.1 2.5 4.7 1.1 2.5 4.7 1.1 2.5 4.7 1.1 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	FY-93 FY TO ROUNDING 1/94 2/96											5.4
1.1 2.5 2.5 9.1 1.1 2.5 4. FY-95 FY-96 FY-99 FY-00 2/97 1/98 1/99 4. 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 3 3 3 3 1 1 2 3 4	TO ROUNDING FY-93 FY 1/94											4.7
2.5	TO ROUNDING FY-93 FY 1/94 2/96											1.1
4 FY-95 FY-96 FY-97 FY-98 FY-96 FY-96 FY-96 FY-97 2/97 1/98 1/99 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-96 FY-97 1/98 1/99 FY-96 FY-96 FY-96 FY-96 FY-97 1/98 1/99 FY-97 1/98 1/99 FY-96 FY-96 FY-96 FY-96 FY-96 FY-97 1/98 1/99 FY-	TO ROUNDING FY-93 FY 1/94 2/96											2.5
4 FY-95 FY-94 FY-95 FY-96 FY-96 FY-96 FY-96 FY-97 FY-99 FY-90 FY-9	TO ROUNDING FY-93 FY TO ALL 1/94 2/96											9.1
4 FY-95 FY-94 FY-95 FY-96 FY-97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/97 Z/	TO ROUNDING FY-93 FY 1/94 2/96											
4 FY-95 FY-96 FY-97 FY-99 FY-96 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-96 FY-97 FY-9	TO ROUNDING FY-93 FY TO A ST 1/94									3	-	3,3
4 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 2/95 1/96 1/97 2/95 1/96 1/97 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 3 3 3 1 1 1 1 1 1 3 3 1 4.6 (10) 14.6 (10) 16.2 31 49.3 49.3 49.3 40.4 4	TO ROUNDING FY-93 FY 1/94 2/96											15.2
4 EY-95 EY-96 EY-97 EY-98 EY-99 EY-00 2/95 1/96 1/97 2/95 1/96 1/97 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 3 3 3 3 1 1 2 1 3 3 3 3 3 3 1 1 2 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	TO ROUNDING FY-93 FY 1/94 2/96											14.6
4 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 2/95 1/96 1/97 2/95 1/96 1/97 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 3 3 3 3 1 1 1 3 3 3 3 3 1 1 1 1 1 1	TO ROUNDING FY-93 FY 1/94 2/96									(10		16.2
4 FY-95 FY-96 FY-97 FY-99 FY-99 FY-00 2/95 1/96 1/97 2/97 1/98 1/99 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 3 3 3 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 1 1 1 1 3 3 1 1 1 1 3 3	TO ROUNDING FY-93 FY 1/94 2/96	1	1	1	-	1		1		-	-	1
4 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 2/95 1/96 1/97 2/95 1/96 1/97 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 3 3 3 1 1 1 3 3 3 3 3 1 1 3 3 3 3	TO ROUNDING FY-93 FY 1/94 2/96									m		49.3
# FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 - 2/95 1/96 1/97 2/95 1/96 1/97 2/95 1/96 1/99 # 1 2 3 4 1 2 3 4 1 2 3 4 FY-99 FY-90 FY-90 FY-97 FY-99 FY-00 FY-00 FY-00 FY-90 FY-97 FY-99 FY-00 FY-00 FY-00 FY-00 FY-90 FY-00 FY-90 FY-00	TO ROUNDING EY-93 FY 1/94 2/96	!	! ! !	i ! !			! ! !	!		"	1	13.2
FY-94 FY-95 FY-96 FY-97 FY-99 FY-00 2/95 1/96 1/97 2/97 1/98 1/99 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		<u>.</u>								ז		2
2/95 1/96 1/97 2/97 1/98 1/99 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 3 3 4 1 2 3 4 1 2 3 4 1 2 3 3 3 3 3 4 1 2 3 4 1 2 3 3 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 4 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00				
3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 4 1 2 3 4 1 2 3 3 4 1 3 3 3 3 4 1 3 3 3 4 1 2 3 4 4		1 !	2/95	1/96	1/97		t t t	1 1 1 1				
3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 3 4 1 2 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	FY-93		FY-9	7		FY-95		FY-	96		FY-97	
FY-99 FY-00 3 4 1 2 3 4 1 2 3 1 3 3 3 1 1 2		ক	1 2		4	2	3	1 2	3	1 1 1	0.10	
3 4 1 2 3 4 1 2 3 3 4 1 2 3 1 3 3 3 1 3 3 3 1 1 2	FY-98		FY-9	6		FY-00						
		₹ 1	1 2	ო (4 1	7	3					
		، ۲	t	ים מי								

PAGE 053-9 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: E-3B/C

MODIFICATION TITLE AND NO: JTIDS TADIL J

DATE 02/14/97 FY 1998 PB CENTER: ESC

MN-3401

TEAM INFO PE 0207417F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC E-3

DESCRIPTION/JUSTIFICATION: Converts E-3 Joint Tactical Information Distribution System (JTIDS) from Interim Joint Message Standard (IJMS) to Tactical Digital Information Link-J (TADIL-J), the new DoD message standard. Replaces Class I JTIDS with Class 2H JTIDS terminals. This modification is part of the E-3 block 30/35 modification. 3600 procures I trial install in FY92. The install kit costs and installion costs are shown in the ESM mod, MN 3371. The FY93 install dollars funded the FY96 installations. A change in funding policy now dictate installs be paid with FY dollars from the year the installation occurs.

AIRCRAFT BREAKDOWN: Active -- 31 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete. 3600 funding for this program is part of the total block 30/35 program and is depicted on ESM, Mod No. 3371.

PROJECTED FINANCIAL PLAN						;		:		;	i	•
	ш	PRIOR		FY-96	E	FY-97	FŸ	FY-98	FY.	FY-99		FY-00
	QTY	AMT	QTY		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	 	1	!!!!!		!!!!!	; ; ; !	1	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	က	2.2										
KITS NONRECUR												
EQUI PMENT (12)	11.3	6	6.7 (6	(10)	10.0						
EQUIP NONREC												
CHANGE ORDERS								0.3		0.3		
DATA		9.0				0.1						
SIM/TRAINER					(2)	1.8						
SUPPORT-EQUIP						4.9						
ICS		0.2										
GFE								0.1				
WARRANTY		0.2										
INSTALLATION OF HARDWARE												
_	3	0.9										
,			-		1 1	1	1 1 1	 	1	1	1	
TOTAL INSTALL QTY/COST	က	6.0			6		6		10			
•	!	!!!!!!!!	1	1	1 1 1			1			1	
TOTAL COST (BP-1100)	က	15.4		7.9		16.7		0.4		0.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	: INS	TALLATION	- DEPO	E								
I	NITIAI	INITIAL LEAD TIME 25 MONTHS	25	MONTHS		FOLLOW-ON LEAD TIME 25 MONTHS	AD TIME	25 MONTH	S			

*** UNCLASSIFIED *** PAGE 053-10

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: DATA ANALYSIS PROGRAMMING GROUP (DAPG) MN-3402 MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F

TEAM INFO

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P

DESCRIPTION/JUSTIFICATION: Upgrades the CC-2 main memory and bulk memory of the E-3 block 20/25 DAPG configuration. The DAPG upgrade provides an increase to the main and bulk memory storage capacity. The present CC-2 memory configuration is unable to support ESM requirements and the addition of JTIDS TADIL-J message standard. This modification is part of the E-3 block 30/35 upgrade. Install kit costs and installation costs are shown on ESM mod, MN 3371. The FY93 install dollars funded the FY96 installations. A change in funding policy now dictate installs be paid with FY dollars from the year the installation occurs.

AIRCRAFT BREAKDOWN: Active -- 31 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN		PRIOR	Ĺs.	FY-96	Ŗ	FY-97	Ę.	FY-98	FY	FY-99	FY	FY-00
	QTY		QTY	AMT	QTY		QTY	AMT		AMT	QTY	AMT
RDI&E (3600)			1	* * * * * * * * * * * * * * * * * * * *		: : : : : : :	5 1 1 1	† † † †	 	 		
PROCUREMENT (3010)												
INSTALL KITS	က	0:1										
KITS NONRECUR												
EQUIPMENT ((12)		(6)	28.3	28.3 (10)	28.6						
EQUIP NONREC		1.3										
CHANGE ORDERS												
DATA		0.1										
SIM/TRAINER						8.1						
SUPPORT-EQUIP												
ICS		0.1										
GFE		10.2										
INSTALLATION OF HARDWARE												
FY-93 3 KITS ((2)	1.4										
	1	1 1 1 1 1 1 1		1	1 1	1 1 1 1 1 1 1	-		!			
TOTAL INSTALL QTY/COST	ю	1.4			6		6		10			
	1		-	1 1 1 1 1 1 1 1 1	!				1		1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)	e	43.8		28.3		36.7						
(TOTALS MAY NOT ADD DUE TO		ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION DEPOT	- DEPOT									
ï	NITIA	INITIAL LEAD TIME 25 MONTHS	25 MG	NTHS	124	OLLOW-ON LE	EAD TIME	FOLLOW-ON LEAD TIME 25 MONTHS	S.			

*** UNCLASSIFIED *** PAGE 053-12

ננדבה	
'n	
1	

PROJECTED FINANCIAL PLAN		(CONTINUED)	6		(INUED)										
	FY	FY-01			FY-02			FY-03		TO	TO COMP			TOTAL	
	QTY	AMT	. !	QTY	ļ	AMT	QTY	;	AMT	QTY	AMT	£ !	QTY	į	AMT
RDT&E (3600)															
PROCUREMENT (3010)															
INSTALL KITS														9	0.1
KITS NONRECUR															07
EQUIPMENT ROUTP NONREC															1.3
CHANGE ORDERS															
DATA															0.1
SIM/TRAINER															8.1
SUPPORT-EQUIP															,
ICS															10.1
E.F.															70.7
INSTALLATION OF HARDWARE FY-93 3 KITS													(6 3)	_	1.4
		1 1 1 1	!	-				;			1	!		į	
TOTAL INSTALL QTY/COST													31		1.4
	† 	1	!				1			i i i		!			! !
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUN	DING.)												m	108.8
	FY-93	FY-94		FY-95	FY-96	FY-97		FY-98	FY-99	FY-00					
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/94 2/96	!		2/95	1/96	1/97		! ! !		1 1 1 1					
TNSTALLATION SCHEDINE:	FY-93			FY-94	94		Ĺĸ	4-95		F.Y.	FY-96			FY-97	
QUARTERS 1 INPUT OUTPUT	2	٤			т	4	· 	2	3	-	2 3 1 1 1 1 1	4 1 1		8 8	п п п
INSTALLATION SCHEDULE:	FY-98			FY-99	66		Ē	FY-00							
QUARTERS 1	~ ~	ю с 4 г	"	7 6		4 -	-	7	3 4						
OUTPUT	2 0	, e	,		n	4 m	-								
	1	,)				,	ı								

400

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: (Previously 5001D - Data Display Equipment) A 2 phase project that parallels the NATO Midterm Program to upgrade E-3 legacy Mission System Computers, Display processors, and Displays. The project transitions the closed hardware and software of the current system to a state-of-the-art COTS based architecture that will allow the E-3 to take advantage in the rapid advances in computing technology. Specific projects include: Replacement Digital Multiplexer (RDMX), Electronics Command Signal Programmer (ECSP), A-3 Card Replacement, Line Prinner and Best of Breed Tracker (BBT). The RDMX and BBT will be installed along with Block 30/35 starting with install #15. The remaining 18 aircraft will be installed during phase maintenance. ECSP and the A-3 will also be installed during phase maintenance. FY94 funds put on contract in FY96 for RDMX group B kits for the A/C and support facilities. Includes portions of MN99999A/S/X. These projects sum to support the entire fleet, not just a subset of 21 aircraft.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0 TEAM INFO CLASS P PE 0207417F CIC E-3 MODIFICATION TITLE AND NO: EXT SEN, COMPUTERS AND DISPLAYS MN-50001A CENTER: ESC MODELS OF AIRCRAFT AFFECTED: E-3

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	PLAN												
		PRIOR	SR SR	FY-96	96	FY-97	7.	FY-98	86.	FY-99	66.	FY-00	00
	٠ ;	OTY	AMT	OTY	AMT	OTY	AMT	OTY	AMT	QTY	AMT	QTY 	AMT
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS				26	0.5	23	1.1	23	3.5	13	4.7	16	3.6
KITS NONRECUR													
EQUIPMENT	~	2)	3.3	(21)	4.3	(23)	5.5	(23)	17.5	(13)	23.3	(16)	17.8
EQUIP NONREC			2.0		3.5								
CHANGE ORDERS													
DATA					0.2		0.1		0.4		9.0		0.4
SIM/TRAINER					9.0								
SUPPORT-EQUIP			5.9										
INSTALLATION OF HARDWARE	WARE												
56				(26)	0.8								
						(23)	9.0						
23								(23)	1.8				
13										(13)	2.4		
												(16)	1.8
FY-01 27 KITS												:	
	i			1 1 1	1 1 1 1 1 1 1		1	f f t t	 	1	1	} 	
TOTAL INSTALL QTY/COST					0.8	23	9.0	23	1.8	13	2.4	16	1.8
TOTAL COST (BP-1100)	•		11.1	26	6.6		7.3	23	23.2	13	30.9	16	23.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	D DUE TO	ROUND	ING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	TATION:	INSTA	N: INSTALLATION DEPOT	DEPOT		toa	awth dans No-Motton	י מאדי	SUMMON -				
	T	TIAL L	EAU TIME -	- MONTHS		2	arcom-on the	י שווידו הש					

PAGE 053-14

•	TOTAL Y AMT		128 17.7	93.2	2.3 0.6 5.9	26) 0.8 23) 0.6			128 9.5	128 134.4		FY-98 2 3 4 6 6 6 5 6 6	
(CONTINUED)	QTY		-			~ ~	- 5		128	128		1 3 4	
(CONT	AMT									1		4 4 0	4
	TO COMP									FY-02		97 3	33
	TO OTY									FY-01	1/01	FY-97 1 2 7 7 6 7	FY-02
	AMT								:	1 00 1 X	1/00	491	4
1 0	FY-03	<u>.</u>								66-		FY-96 2 3 7 7 6 7	FY-01 2 3
SPLAYS	QTY	} } 								!		1 6	щ н
4D DIS	AMT	! ! !							!	FY-98	1/98	4	4
EXT SEN, COMPUTERS AND DISPLAYS HUED)	EY-02 Ab	i - -							1	Y9 79-Y9	1/97	m	m
OMPUT		[[[!	!		FY-95 2	FY-00 2
EN, C	a								1	1	1/96	н	н
EXT S (UED)	AMT	1 1 1 1	4.3	21.5	0.5			2.2	2.2	28.5 NG.)	!	4	4
1A EXT (CONTINUED)	FY-01									NDING		т	ო
MN-50001A		 	27	27)				27)	27	27 'O ROUI		FY-94 2	FY-99 2
MN-5 Plan		•		~		RE		~	,	DUE I	Y)	: T	 ::
-3 ICIAL			<u> </u>			HARDWARE KITS KITS	KITS	KITS	TY/C0	.1100)	OTR/F OTR/F	HEDUL	HEDUL
FACT SHEET: E-3 MN-E PROJECTED FINANCIAL PLAN		(00	PROCUREMENT (3010) INSTALL KITS	SCUR	DERS				TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) 27 2 (TOTALS MAY NOT ADD DUE TO ROUNDING,) MILESTONES FY-94 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: OUARTERS
FACT SHEET: PROJECTED FII		RDT&E (3600)	OCUREMENT (30 INSTALL KITS	KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SIIPPORT-EQUIP	INSTALLATION OF EY-96 26 FY-97 23			L INST	TOTAL COST (TOTALS MA) MILESTONES	SACT-L	ALLATI QUF	ALLATI OUP
FACT		RDT&	ROCURI INST	KITS EQUII	CHANG DATA SIM/T	NSTALLA FY-96	FY-98	FY-00 FY-01	TOTAI	Total (Tota Miles	CONT	Inst1	INST

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: E-3

MODIFICATION TITLE AND NO: EXT SEN, BACKSHOP MN-50001B

02/14/97

DATE

CENTER: ESC

TEAM INFO PE 0207417F

CLASS P

The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. FY94 fallout funds put on contract in FY96 to purchase 2 Radio DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to effort resolves infrastructure problems and procures new backshop test equipment, including an RF BRAT and "can not duplicate" tester. keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY backshop Frequency Noise Analyzers test sets. Includes portions of MN99999A/S/X.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

AMT FY-00 ΩŢΥ AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) RDT&E (3600)

						0.3		0.3				
											!!!!	
						0.3		22.4	0.1			
PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	GFE	INSTALLATION OF HARDWARE		TOTAL INSTALL QTY/COST

0.1

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 3 MONTHS TOTAL COST (BP-1100) 22 (TOTALS MAY NOT ADD DUE TO ROUNDING.)

FOLLOW-ON LEAD TIME -- 3 MONTHS

3.2

0.1

9.0

22.8

PAGE 053-17
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: EXTEND SENTRY, COMMUNICATION EQUIPMENT/SYSTEMS

DATE 02/14/97 FY 1998 PB

CLASS P CIC E-3

MN-50001C

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY communications effort encompasses improvements to the E-3 communication suite as well as addressing vanishing vendor and parts obsolescence issues and reliability problems. This effort includes procurement of HF radio with ALE. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate TEAM INFO PE 0207417F CENTER: ESC MODELS OF AIRCRAFT AFFECTED: E-3 modifications per year.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN	90100	90-V7	90	FV-97	97	, A	FV 98	<u>></u>	00-04	<u>}</u>	.v-00
	OTY AMT	ΩŤΥ	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1	1 1 1 1		1	111111111111111111111111111111111111111			1	1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS		33	6.0	33	0.7						
KITS NONRECUR											
EQUI PMENT		(33)	7.2	(33)	5.2						
EQUIP NONREC											
CHANGE ORDERS											
DATA			0.1		0.1						
SIM/TRAINER			0.1		0.1						
SUPPORT-EQUIP			3.3								
INSTALLATION OF HARDWARE											
FY-96 33 KITS		(33)	0.3								
FY-97 33 KITS				(33)	1.6						
		!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1				
TOTAL INSTALL QTY/COST		33	0.3	33	1.6						
		1		!		1	1	1	1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)		33	11.9	33	7.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	: INSTALLATION -	- DEPOT/FI	ELD TEAM								
Ä	INITIAL LEAD TIME 3 MONTHS	3 MONTH	S	S	FOLLOW-ON LEAD TIME 3 MONTHS	AD TIME	3 MONTHS				

FACT SHEET: E-3 MN-: PROJECTED FINANCIAL PLAN	2000	1C EXTE (CONTINUED)	END SI	SNTRY,	COMMUN	EXTEND SENTRY, COMMUNICATION EQUIPMENT/SYSTEMS	EQUIE	MENT/	SYSTEM	õ		(CONT	(CONTINUED)	
	FY	FY-01 AMT	;	E) OTY	FY-02 AMT		EY-	FY-03 AMT	_ ;	DTY	TO COMP	AMT	TÇ QTY	TOTAL AMT
RDT&E (3600)														
OCUREMENT (3010) INSTALL KITS													99	1.6
KIIS NONKECUK EQUIPMENT														12.4
EQUIP NONREC CHANGE ORDERS														
DATA														0.2
SIM/TRAINER														0.2
SUPPORT-EQUIP ISTALLATION OF HARDWARE														3,3
FY-96 33 KITS													(33)	0.3
FY-97 33 KITS													(33)	1.6
	-	1	!	-	1		! ! !	 	!	 	İ		1 1 1 1	
TOTAL INSTALL OTY/COST	1						!	! ! !		!	i	1	99	2.0
TOTAL COST (BP-1100) (TOTALS MAX NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)											99	19.5
	FY-94	FY-95			FY-97	FY-98								
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)		 	1/96		1/97 2/97	1/98								
INSTALLATION SCHEDULE:	FY-94	,	•	FY-95		,	FY-96		•	£.,	FY-97			
QUANTERS I INPUT OUTPUT	N	ی 4.	-	7	n	4 T	10	11 10	12 11	10 12	2 - 1 - 2	3 4 12 11 12		

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P

TEAM INFO

EXHIBIT P3A CONGRESSIONAL

CENTER: ESC MODELS OF AIRCRAFT AFFECTED: E-3

MODIFICATION TITLE AND NO: PDMA

FY 1998 PB DATE

02/14/97

PE 0207417F CIC E-3 MN~50001P

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. PDMA or Periodic Depot Maintenance/Airframe. This mod is a collection of smaller, low-cost projects designed to upgrade the equipment used in PDM or to improve the reliability of the E-3 airframe. Examples include Mid-spar Support and Special Tooling. The funds on this F3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. Includes portions of MN9999AS/X.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN										;		;
	PRIOR)R amt	FY-96	.96 AMT	FY-97	97 AMT	FY-	FY-98	FY.	FY-99 AMT	FY-	FY-00 AMT
	::		; ;						.	1		
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			H	0.1	1	0.2	ιΩ		7		က	
KITS NONRECUR		1.4		0.9								
EQUIPMENT			13	0.3	(1)	2.1	(2)	0.2	(2)	0.1	3)	0.1
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 1 KITS			(1)									
FY-97 1 KITS					(1)	0.2						
FY-98 5 KITS							(2)					
FY-99 2 KITS									(2)			
FY-00 3 KITS											(3)	
FY-01 2 KITS												
		11111111	!	1	'	0	'	1	!	1 1 1 1 1 1 1	! (
TOTAL INSTALL QTY/COST					7 !	0.2	ກ		>		٦ ا	
TOTAL COST (BP-1100)		1.4	, ,	1.4		2.4	2	0.2	8	0.1	3	0.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	(NG.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	N: INSTAI	LATION	DEPOT									
1	INITIAL LE	LEAD TIME MONTHS	- MONTHS		6	FOLLOW-ON LEAD TIME	AD TIME -	MONTHS				

*** UNCLASSIFIED *** PAGE 053-20

	TOTAL	AMT		0.3 2.3 8	0.0	0000	0.0	5.6		FY-99 2 3 4 1 1	
	TO	QTY		14	(1)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	14	1 7 1 1 1 1		1 2 2 2	
	ΜP	AMT					1	1 1 2 4 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 2 4	
	TO COMP	OTY						FY-02		FY-98 1 2 1 1 1 1	
	9	AMT					 	EY-01	1/01	3 4 T	ى 4
	FY-03	OTY						FY-00	1/00	FY-97 2	FY-02 2
		AMT						66-	1/99	4 H	1 1 1
	FY-02	₹					•	FY-98 FY	1/98	EY-96 2 3	(-01) 2 3 1
		QTY						EY-97	1/97	EY	FY-01 1 2 1
(and the state of	FY-01	AMT		0.1			1	0.1)ING.) FY-96	1/96	ъ 4	6
	FY.	QTY		5 6		;	2	TO ROUNE		FY-95 2	FY-00 2 1
THE PROPERTY OF THE PARTY OF TH			RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-96 1 KITS FY-97 1 KITS	9 2 8 6	13	TOTAL COST (BP-1100) 2 (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: EXTEND SENTRY, RADAR SYSTEMS MN-50001R

addresses surveillance radar failures, mission aborts, code 3's, and can not duplicate events. Several of the actions represent critically needed technology insertion of the radar transmit chain, which is currently dependent upon a declining capability. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. FY94 funds put on contract in FY96 to purchase 33 Lls and will be installed through DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY radar group TEAM INFO CLASS P PE 0207417F CIC E-3 CENTER: ESC MODELS OF AIRCRAFT AFFECTED: E-3 attrition maintenance.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN												
	2	PRIOR	F	FY-96	Ŀ	FY-97	ĺτι	FY-98	Œ	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	 	1 1 3 1 1 1	 	1	1 1 1 1 1							
PROCUREMENT (3010)												
INSTALL KITS			41	9.0	43	0.8	72	1.8				
KITS NONRECUR												
EQUI PMENT	(33)	1.9	(41)	4.6	(43)	3.8	(72)	7.6				
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.2								
SIM/TRAINER				9.0								
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 41 KITS			(41)	0.8								
FY-97 43 KITS					(43)	0.4						
FY-98 72 KITS							(72)	1.2				
	1	1	1 1	1 1 1 1 1 1 1	!!!!	1 1 1 1	1 1 1		1 1 1 1 1	111111		
TOTAL INSTALL QTY/COST			41	0.8	43	0.4	72	1.2				
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1	1	1 1 1 1 1	1 1 2	1	1		1	1
TOTAL COST (BP-1100)		1.9	41	6.8	43	5.1	72	10.6				
(TOTALS MAY NOT ADD DUE	0	TO ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION DEPOT/FIELD TEAM	- DEPOT/	FIELD TEAM								
	INITIAL	INITIAL LEAD TIME 3 MONTHS	3 MON	LHS		FOLLOW-ON I	EAD TIME	FOLLOW-ON LEAD TIME 0 MONTHS	••			

*** UNCLASSIFIED *** PAGE 053-22

MODIFICATION OF AIRCRAFT

02/14/97

FY 1998 PB DATE

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

E-3 MODELS OF AIRCRAFT AFFECTED:

CENTER: ESC

TEAM INFO PE 0207417F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CIC E-3 MN-50001X MODIFICATION TITLE AND NO: EXTEND SENTRY

E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. These funds cover all Extend Sentry contract award fee's MIRRE, TEMS, and Travel, and miscellaneous engineering services tasks. FY94 funds put on contract in FY96 for seven (7) IFF kits and eleven (11) CCAs (installaion: field TCTO, no install kits required). Includes portions of MN99999A/S/X. DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. Improvements must be made to the E-3 mission equipment and aircraft systems to keep the corrosion control, fluids & pneumatics, intrastructure, and computer displays. The funds on this P3A cover several separate, but related, aircraft flying. These improvements are required to sustain the aircraft. Efforts include guidance, communications, radar systems, AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development line has all 3600 funds for all Extend Sentry projects. This is done this way because there is no

total one to one correlation between all the 3600 and 3010 for these projects.

PROJECTED FINANCIAL PLAN												
	ш	PRIOR	FY-96	96.	FY-97	-97	FY-	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		 	! ! !	25.0	1 1 1 1 1	26.7	1	14.3	i i i i	2.7	i ! ! !	12.2
PROCUREMENT (3010)			-	ď								
KITS NONRECUR			4	9.								
EQUI PMENT	(7)	5.2	(1)	3.2								
EQUIP NONREC												
CHANGE ORDERS												6.0
SIM/TRAINER												
SUPPORT-EQUIP		8.2		0.2		8.0						
290		1.9		11.7		7.9		9.9		1.8		2.4
INSTALLATION OF HARDWARE												
FY-96 1 KITS					(1)	0.2						
TOTAL INSTALL QTY/COST			!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	3 3 7 8 8	1	0.2	!	 	!		!	† † † † †
TOTAL COST (BP-1100)		15.3	1	15.8		16.0	! ! !	9.9	t ! !	1.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	TO ROU	NDING.)	DEPOT/FI	ELD TEAM								
	INITIAL	LEAD TIME 3 MONTHS	- 3 MONTH	S	FO	TLOW-ON LE	SAD TIME -	FOLLOW-ON LEAD TIME 3 MONTHS				

*** UNCLASSIFIED ***

	TOTAL AMT	i i i i i	9.0	8.5	20.0	16.4	0.2	0.2	86.9			
(CONTINUED)	TOT QTY						(1)	-	1			
(CONE)	TO COMP											3 4 1 1
	TO (!	[FY-97
	os Amt	25.0			10.5	3.4			13.9			3
	FY-03 QTY								! ! ! !			FY-96
	2 AMT	7.0			5.8	3.1			8.9	97	!	3
SENTRY	FY-02 QTY							! 	; 1 1 1	Ĺι	1/96	FY-95
OIX EXTEND SENTRY (CONTINUED)	01 AMT	22.3			2.8	2.5			5.3 ING.)		4 4	3 4 1
00	FY-01 QTY	!						!	TO ROUND	FY-94	! ! ! !	FY-94
FACT SHEET: E-3 MN-9 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT	EQUIT NONESC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP OGC	INSTALLATION OF HARDWARE FY-96 1 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.	CANOTONIA.	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P

EXHIBIT P3A CONGRESSIONAL

TEAM INFO DESCRIPTION/JUSTIFICATION: Offensive Counter Air is responsible for near and long term upgrades to the E-3 combat ID technology including Tactical Intelligence Broadcast System (TIBS). Overall focus is to ensure AWACS is DII/COE/GCCS compatible. PE 0207417F CENTER: ESC MN-70001C MODIFICATION TITLE AND NO: OFFENSIVE COUNTER AIR MODELS OF AIRCRAFT AFFECTED: E-3

DEVELOPMENT STATUS: The 3600 funds support various Concept Exploration and Program Definition/Risk Reduction efforts (such as DII-GCCS compliance and incremental software upgrade) within the Offensive-Air IPT.

PROJECTED FINANCIAL PLAN												
	꿆	PRIOR	FY-	FY-96	FY-97	97	FY-	FY-98		FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		! ! !	!	 	1 1 ! !	10.6	! ! ! !	20.2	<u> </u>	12.5	 	3.8
PROCUREMENT (3010)												
INSTALL KITS					21	0.5	12	0.2				
KITS NONRECUR						0.3						
EQUI PMENT					(21)	8.0	(12)	2.0				
EQUIP NONREC						2.4						
CHANGE ORDERS								2.5		0.1		
DATA						0.2						
SIM/TRAINER												
SUPPORT-EQUIP												
290						5.5		6.0		0.9		
TRAINING						0.1						
ICS								0.1				
REFURB												
GFE												
INSTALLATION OF HARDWARE												
FY-97 21 KITS							(21)	0.2				
FY-98 12 KITS									(12)	0.1		
TOTAL INSTALL OTY/COST	!				1		21	0.2	12	0.1		1
	1		! ! !	1111111			1		-			1
TOTAL COST (BP-1100)					21	17.0	12	5.9		1.1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	dDING.)	ļ									
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MC	N: INST INITIAL	FALLATION DEPOT LEAD TIME 12 MONTHS	- DEPOT 12 MON1	SH	FO	FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME	12 MONTE	HS.			

PAGE 053-26 *** UNCLASSIFIED ***

FACT SHEET: E-3 MN-7 PROJECTED FINANCIAL PLAN	000	1C OFFE (CONTINUED)	NSIVE CO	OFFENSIVE COUNTER AIR (UED)	œ				3	(CONTINUED)	(QE		
	FY QTY	FY-01 AMT		FY-02	AMT	FY-03 QTY	3 AMT	TO QTY	TO COMP		TOTAL QTY	AMT	
RDT&E (3600)		5.3		! ! !	9.9	! !	7.3			i !			
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS											33	0.7 0.3 10.0 2.4 2.5	
DATA SIM/TRAINER SUPPORT-EQUIP OGC										-		0.2	
TRAINING ICS REFURB GFE												0.1	
INSTALLATION OF HARDWARE FY-97 21 KITS FY-98 12 KITS	!			1				 	! ! !	ا ہے۔	21)	0.2	
TOTAL INSTALL QTY/COST	! !								i ! ! ! !	i !	33	0.3	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-94 FY-9	TO ROUN	DING.) FY-95	FY-96	FY-97	FY-98	FY-99					33	23.9	
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)				1/97	1/98								
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-94 2	ъ 4	1 1	FY-95 2 3	4	FY-96 2	ю 4	1 EY	FY-97 2 3	4	FY-98 1 2 7 7	8	4 7
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 4	FY-99 2 4 4	E 4 4											

PAGE 053-27
*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P

TEAM INFO

PE 0207417F

MODIFICATION TITLE AND NO: RADAR SYSTEM IMPROVEMENT PROGRAM MN-7266

DESCRIPTION/JUSTIFICATION: Funds concurrent acquisition and retrofit of the Radar System Improvement Program (RSIP) to enhance radar detection, ECCM, and improve and expand radar maintenance capabilities. RSIP will improve R&M and provide additional computing capacity needed for future radar improvements.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

CENTER: ESC

MODELS OF AIRCRAFT AFFECTED: E-3B/C

DATE 02/14/97 FY 1998 PB

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN	ä	PRIOR	FY - 96	96	FY	FY-97	FY	FY-98	Ţ.	FY-99	Ţ.	FY-00
		AMT		AMT	QTY	AMT	QTY	AMT	QTY	AMT		AMT
RDT&E (3600)	 	97.3	! ! !	31,1	1 1 1 1	1 1 1 1 1 1	! ! !	t 	i i i	1	 	
PROCUREMENT (3010)												
INSTALL KITS			2	0.4	2	9.0	4	1.1	S	0.9	9	1.1
KITS NONRECUR				1.5								
EQUI PMENT			2	20.3	2	14.7	4	28.2	Ŋ	42.2	9	51.3
EQUIP NONREC				16.1		4.8		8.5		1.7		2.4
CHANGE ORDERS								1.4		9.0		3.1
DATA				0.7		0.4						0.4
SIM/TRAINER						0.9		15.6		9.8		0.7
SUPPORT-EQUIP				3.8		0.5		0.5				
REFURB				0.8		18.1		9.0		1.2		7.8
COMMODITY MOD				0.3		1.0		2.1		2.7		3.4
ICS												
250				0.3		3.7		1.2		0.8		0.8
GFE				1.1		0.1		1.2		0.7		0.3
INSTALLATION OF HARDWARE												
FY-96 4 KITS							(2)	3.7				
FY-97 4 KITS									(2)	1.6		
FY-98 8 KITS											(4)	4.3
FY-99 10 KITS											*	
FY-00 12 KITS												
FY-01 14 KITS												
FY-02 10 KITS												
FY-03 2 KITS												
		1 1 1 1 1 1 1	-					1		1	1	
TOTAL INSTALL QTY/COST		 	1 2 3 1	: : : : :	!	\$ 3 3 1 1 1 1	2	3.7	2	1.6	4	4.3
TOTAL COST (BP-1100)			4	45.3	4	44.7	80	64.0	10	61.0	12	75.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)										
METHOD OF IMPLEMENTATION: INSTALLATION DEPORT INSTALLATION DEPORT INTEGRAL INT	A: INST	N: INSTALLATION DEPOT INITIAL LEAD TIME 24 MONTHS	DEPOT - 24 MONT	ŭ	Ĕ	II NO-MOLIT	י שאויי תמק	FOLLOW-ON 1FED TIME 24 MONTHS	ğ			
7	7117 T T T VI	חומדי משפח	**************************************	2	í	JULION CA	11111	1711011 15	٥			

*** UNCLASSIFIED *** PAGE 053-28

PAGE 053~29 *** UNCLASSIFIED ***

National Comprehension Com	FACT SHEET: E-3 MN-7 PROJECTED FINANCIAL PLAN	266	RADAR S (CONTINUED)	SYSTEM I	RADAR SYSTEM IMPROVEMENT PROGRAM (INUED)	INT PROGI	RAM			ğ	(CONTINUED)	_		
7 61.2 5 44.6 1 0.4 32 7.15 5.2 6.9 1.1 1 0.4 32 271.5 5.2 6.9 3.9 3.9 5.2 6.9 3.9 5.2 6.9 3.9 6.9 1.9 1.9 1.9 1.9 1.9 1.15 1.6 6.9 0.4 0.4 3.9 7.0 60MDING.) EY-98 FY-94 FY-95 FY-96 FY-97 FY-98 FY-00 FY-01 FY-02 FY-03 FY-04 1.06 EY-98 TY-94 FY-95 FY-99 1/99 1/99 1/99 1/90 1/91 1/102 1/104 1/92 1/99 1/99 1/91 1/101 1/102 1/104 1/92 1/99 1/99 1/99 1/91 1/91 1/91 1/92 1/94 1/95 1/99 1/99 1/91 1/91 1/91 1/92 1/99 1/99				VIQ	FY-02	:	FY- QTY		TO QTY	COMP	OTY	TOTAL	AMT	
7														
7 61.2 5 44.6 1 9.1 31.9 5.2 6.9 3.9 3.9 1.0 6.9 6.9 3.9 1.0 6.9 6.9 3.9 1.0 6.9 6.9 3.9 1.0 6.9 6.9 3.9 1.0 6.9 6.9 6.9 3.9 1.0 6.9 6.9 6.9 3.9 1.0 6.9 6.9 6.9 3.9 1.0 6.9 6.9 6.9 6.9 3.9 1.0 6.9 6.9 6.9 6.9 6.9 1.0 6.1 6.0 6.2 6.0 6.2 1.0 6.1 6.0 6.2 6.0 6.0 1.0 6.1 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 6.0 1.0 6.0 6.0 1.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 1.0 6.0 6.0 6.0 1.0 6		7	1.6		s.	1.1	,- 4	0.4			(*)	32	7.1	
5.2 6.9 3.9 3.9 3.15 2.15		7	61.2			44.6		9.1			(*)		271.6	
1.6			u	_		ď		e e					33.5	
1.6 3.9 3.9 0.8 0.5 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5			7.0			0.4		n .					2.5	
1.6			1.0	_									26.8	
1.6 5.9 0.4 0.5						,							4.8	
Column C						ი ი		•					36.0	
(5)			χ,	-		B. 7		0.4						
(5) 1.7 (6) 2.0 (7) 2.3 (7			9.0			0.5		0.5					8.5	
(5) 1.7 (6) 2.0 (7) 2.3 (7) 2.			0.3	~		0.2		0.2					4.2	
[5] 1.7 (6) 2.0 (7) 2.3 (5) 1.6 (5) 1.6 (5) 1.7 (6) 2.0 (7) 2.3 (7	ы				•									
(5) 1.7 (6) 2.0 (7) 2.3 (6) 2.0 (7) 2.3 (6) 2.0 (7) 2.3 (6) 2.0 (7) 2.3 (7												?	3.7	
(5) 1.7 (6) 2.0 (7) 2.3 ((5) 1.7 (5) 1.7 (5) 1.7 (5) 1.7 (6) 2.0 (7) 2.3 ((€ 5	1.6	
FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-98 FY-99 FY-09 FY-99 FY-09 FY-99 FY-09 FY		.	-	_								÷ :	4. t-	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		ñ		_	_	2.0					, w	S (6	2.0	
FY-98 FY-98 FY-99 FY-99 FY-09 FY-01 I I I I I I I I I I I I I I I I I I I						•	1)	2.3			,	(/	2.3	
FY-93 FY-94 FY-95 FY-99 FY-09 FY-01 I I I I I I I I I I I I I I I I I I I														
FY-93 FY-94 FY-95 FY-99 FY-06 FY-01 FY-01 FY-02 FY-01 FY-02 FY-01 FY-02 FY-01 FY-02 FY-03 FY-04 FY-04 FY-05 FY-09 FY-04 FY-04 FY-04 FY-05 FY-04 FY-05 FY-04 FY-05 FY-04 FY-05 FY-05 FY-06 FY-01 FY-02 FY-04 FY-05 FY-0		;							-		;	-		
FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-01 FY-01 FY-02 FY-03 FY-04 FY-98 FY-99 FY-99 FY-09 FY-01 FY-01 FY-02 FY-04 FY-98 FY-99 FY-99 FY-09 FY-01 FY-01 FY-02 FY-04 FY-98 FY-99 FY-99 FY-00 FY-01 FY-02 FY-04 FY-98 FY-99 FY-09 FY-00 FY-01 FY-02 FY-04 FY-98 FY-99 FY-09 FY-00 FY-01 FY-02 FY-01 FY-98 FY-99 FY-09 FY-00 FY-01 FY-02 FY-01 FY-98 FY-99 FY-09 FY-00 FY-01 FY-02 FY-01 FY-98 FY-99 FY-09 FY-00 FY-01 FY-02 FY-01 FY-98 FY-99 FY-09 FY-00 FY-01 FY-02 FY-01 FY-03 FY-03 FY-04 FY-05 FY-05 FY-01 FY-05 FY-03 FY-04 FY-05 FY-05 FY-05 FY-05 FY-03 FY-04 FY-05 FY-05 FY-05 FY-05 FY-04 FY-05 FY-05 FY-05 FY-05 FY-05 FY-05 FY-05 FY-05 FY-05 FY-05 FY-05 FY-07 FY-07 FY-07 FY-07 FY-07 FY-08 FY-09 FY-09 FY-09 FY-05 FY-05 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-07 FY-07 FY-07 FY-07 FY-07 FY-08 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-09 FY-0		2	1.7		9	2.0	7	2.3	i i i		7	96	15.7	
FY-93 FY-94 FY-95 FY-95 FY-95 FY-04 FY-02 FY-03 FY-04 2/96 1/97 1/98 1/99 1/09	편	14 TO ROUN	77.8 DING.)			64.7	7	16.8			w		450.1	
FY-98 FY-98 FY-09 FY-09 FY-01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
FY-98 FY-99 FY-00 FY-01 FY-01 FY-02 FY-02 FY-02 FY-03 FY-03 FY-03 FY-03 FY-03 FY-03 FY-03 FY-04 FY-04 FY-05 FY-05 FY-03 FY-04 FY-04 FY-05 <th< td=""><td></td><td></td><td></td><td></td><td>2/96 2/98</td><td>1/97</td><td>1/98</td><td>1/99</td><td>1/00</td><td>1/01</td><td>1/02</td><td></td><td>1/04</td><td></td></th<>					2/96 2/98	1/97	1/98	1/99	1/00	1/01	1/02		1/04	
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 1 1 1 1 1 1 1 1 1 1 2 2 FY-03 FY-04 FY-05 1 2 3 4 1 2 3 4 2 2 1 1 1 2 1 2 3 4 1 2 2 2 1 1 1 2 1 1 2 2 2 1 1 1 2 1		FY-98		FY	-99		FY-00		FY-	-01		FY-02		
FY-03 FY-04 FY-05 4 1 2 3 4 1 2 2 1 1 1 2 1 1 2 2 2 1 1 1 2 2 3 4 1 2 2 2 2 1 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 2 1 1 1 1 2 1 1 2 1 1 1 1 2 1 1 2 1 1 1 1 2 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1	-	7 5	3 4	1		4-	1 2			1 3	1 1 2	0 0	3 4	
FY-03 FY-04 FY-05 1 2 3 4 1 2 3 4 1 2 2 2 2 1 1 1 1 2 1 1 2 2 2 1 1 1 1 2 1		•	1 1		.					1 1		2 2	2 1	
3 4 1 2 3 4 1 2 2 1 1 1 1 2 1 2 2 1 1 1 1 2 1	•	FY-03	•	FY	-04		FY-05							
1 72	c	2 6			2 -	e c	7 .	ν) 3''						
	-	2 1		ı —	1 1	, ,,	7							

UNCLASSIFIED

		BUDGET ITEN (EXHIB	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	RY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	RAFT MODIFICATION	SN	P-1 ITEM NOMENCLATURE: E-4	LATURE: E-4			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$8.580	\$3.909	\$11.385	\$5.417	\$18.350	\$20.306	\$11.874	\$5.925

This line item funds modifications to the E-4B aircraft. The four engine E-4B is a highly modified Boeing 747-200 airframe used in support of the mission of the National Airborne Operations Center (NAOC). NAOC provides the National Command Authorities with a survivable airborne command and control platform and gives the President ready access to the National Military Command System. The major modifications budgeted in FY98 is the Global Positioning System (GPS) and the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
NR	MODIF	MODIFICATION TITLE									TO G0	PROG.
99999A		LOW COST SAFETY MODIFICATIONS					0.9	1.9	2.0	2.0		6.8
	CLASS P-S	CLASS P-S TOTAL FOR E-4					0.9	1.9	2.0	2.0		
3149T	TRAFFI	TRAFFIC ALERT & COLLISON AVOID		2.0								4.2
3150	NAVSTA	NAVSTAR GLOBAL POSITIONING SYS	1.5	1.2	1.0							15.9
3445	UNIVER	UNIVERSAL MODEM				5.2	5.0	0.2	0.1			10.5
3505	MODIFIL	MODIFIED MINITURE RECEIVE TERM					12.0	18.2	7.7	1.6		39.5
866666				0.4	6.1	0.1	0.4		2.1	2.2		19.6
X66666		LOW COST MODIFICATIONS		0.3	2.1	0.1				0.1		3.7
288888		REPROGRAMMINGS	7.1									1.7
	CLASS P	TOTAL FOR E-4	8.6	3.9	11.4	5.4	17.5	18.4	6.6	3.9		
EZI	TOTAL FOR E-4		8.6	3.9	11.4	5.4	18.4	20.3	11.9	5.9		

	ζ	j
:	2	
	Š	5
٠	٤	2
•	į	5
•	į	2
	į	5
	4	7

P-1 SHOPP LIST	PAGE NO.
LEM NO. 034	
	INCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLASS P CLC E-4

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning system (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. Satellites broadcast high accuracy data signals which are received by user equipment to compute platform position/velocity and provide steering vectors to target locations. The GPS module is embedded in a FMS-800. The addition the design will include and Electronic Flight Instrument System (EFIS-10) "glass cockpit" and replace the Delco Carousel IV-AT INS with the LTN-92 TEAM INFO PE 0302015F ring laser gyro INS. The prototype installation is currently ongoing. CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: E-4B

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN														
	Δι	PRIOR		FY-96		FY-97	7	FY-	FY-98	FY	FY-99		FY-00	
	QTY	AMT	QTY			QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
	!			1		1 1 1 1 1 1 1	 	!	1 1 1 1 1 1 1 1 1 1	i i i		1 		
RDT&E (3600)														
PROCUREMENT (3010)														
INSTALL KITS	က	1.7		1 0.6	9									
KITS NONRECUR	(2)	3.2		0.1	н									
EQUI PMENT	(٤)	2.3	-	1) 0.	7									
EQUIP NONREC	(2)	3.1		0.	1									
CHANGE ORDERS														
DATA		1.1							0.4					
SIM/TRAINER				0.2	2									
SUPPORT-EQUIP														
250														
INSTALLATION OF HARDWARE														
FY-94 2 KITS ((1)	0.8												
FY-95 1 KITS					~	2)	1.2							
FY-96 1 KITS								1)	9.0					
TOTAL INSTALL OTY/COST		0.8		; ; ; ; ;		2	1.2		9.0	 		1 1 1 1	i 	
***************************************	'		1	1		1		1	1	-	1	-		
TOTAL COST (BP-1100)	ю	12.2		1 1.5	5		1.2		1.0					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)	;											
METHOD OF IMPLEMENTATION: INSTALLATION CLS INITIAL LEAD TIME 24	N: INS INITIAL	N: INSTALLATION CLS INITIAL LEAD TIME 24 MONTHS	- CLS	MONTHS		FOL	LOW-ON LE	D TIME -	FOLLOW-ON LEAD TIME 18 MONTHS	တ				

(CONTINUED)	
NAVSTAR GLOBAL POSITIONING SYSTEM	
	(CONTINUED)
MN-3150	, PLAN
FACT SHEET: E-4	PROJECTED FINANCIAL

AMT	! ! ! !		2.3	3.3	3.0	3.2		1.5	0.2				9.0	1.2	9.0		5.6	1 1 1 1 1 1 1 1 1	15.9							3 4		
TOTAL	İ															-		ļ							FY-98	~	-	
YTQ			4										(1)	(2)	(1)		4	1 1 1	4							1		
AMT	? ! ! !															-		!								4		7
TO COMP	1																								FY-97	2 3	1 1	1
TO QTY	1															1									FY	7		7
AMT	ļ															1										4		
FY-03 AN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1															1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							96	က		
FY	!															1		1 1 1 1							FY-96	1 2		
	· 																				FY-98	1				4		
FY-02 AMT	1																				FY-97	!				က		
	!															1		1 1					96	88	FY-95	2		
-	·]																							1/98		1 1		
FY-01 AMT	1																	1 1 1 1 1 1 1 1 1		DING.)	FY-95		4/95	2/97		e e		
FY QTY																1		1 1 1		TO ROUN	FY-94	-	4/94	4/96	FY-94	7		
	RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	250	INSTALLATION OF HARDWARE	FY-94 2 KITS	FY-95 1 KITS	FY-96 1 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	INPUT	OUTPUT

PAGE 054-2 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-4

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: UNIVERSAL MODEM MN-3445 FY 1998 PB

DESCRIPTION/JUSTIFICATION: The universal modem (UM) is a joint service, international, acquisition in which the army is the lead service. The UM will provide survivable, antijam, low probability of exploitation, interoperable, super high frequency command, control connectivity for military forces during all phases of conflict. The E-4B airborne terminal variant of the UM will be a replacement for the existing TEAM INFO PE 0302015F CENTER: OC-ALC MODELS OF AIRCRAFT AFFECTED: E-4 AN/USC-28 system.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0 DEVELOPMENT STATUS: N/a.

FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

AMT

PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS INSTALL KITS EQUIP NONREC SIM/TRAINER EQUI PMENT DATA

0.4 1.6 0.5

1.6

2) 2) 2

SUPPORT-EQUIP INSTALLATION OF HARDWARE

KITS KITS FY-99 FY-00 TOTAL INSTALL QTY/COST

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS TOTAL COST (BP-1100)

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

5.0

5.2

2

*** UNCLASSIFIED *** PAGE 054-3

(CONTINUED)

FACT SHEET: E-4 MN-3445 UNIVERSAL MODEM PROJECTED FINANCIAL PLAN (CONTINUED)

AMT		1.8 1.4 3.2	1.2	0.2	0.3	10.5		
TOTAL QTY		4		(2)	4 1	4		
TO COMP								
TO QTY			·					
AMT						FY-02		
FY-03 QTY						-01	1	
	·			·	0.1	0.1 FY-00	1/00	4 L
FY-02 AMT				0.1		FY	1/99	FY-02 2 3 1
QTY				_	2	FY		1 2 1 1 2
01 AMT				0.2	0.2	0.2 ING.) FY-97		1 4
FY-01 QTY	† ! !			2)	5	TO ROUND		FY-01 2 1
	RDI&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	FY-99 2 KITS (FY-00 2 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT

PAGE 054-4
*** UNCLASSIFIED ***

UNCLASSIFIED

		BUDGET ITEM	ITEM JUSTIFICATION	_			DATE	
:		(ЕХНІВ	(HIBIT P-40)				FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY	DGET ACTIVITY			P.1 ITEM NOMENCI ATLIBE: E.8	1 ATHRE E.R			
AIRCRAFT PROCI	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AFT MODIFICATION	SN					
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)				\$72.854				

This line item funds modifications to the E-8 aircraft. The E-8 is a modified Boeing 707-300 airframe called Joint Surveillance and Target Attack Radar System (JSTARS). The JSTARS was developed for ground surveillance, targeting and battle management. The overall goal of the modifications budgeted in FY99 are to upgrade the mission systems due to diminishing manufacturing sources. The specific modifications are budgeted and programmed below.

	MOD		FY-96	FY-97	FY-98	FY-99	FY-00	FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03	FY-02	FY-03	COST	TOTAL
CLASS		MODIFICATION TITLE									TO GO	PROG.
۵	GPC	GENERAL PURPOSE COMPUTER REPLA				17.5						17.5
	OWS	OPERATOR WORKSTATION REPLACEME				25.7						25.7
-	PSP	PROGRAMMABLE SIGNAL PROCESSOR				14.7						14.7
	RC/PCU	RADAR CONTROL UNIT/PROCESSOR C				15.0						15.0
		CLASS P TOTAL FOR E-8B				72.9						
TOTAL	FOTAL FOR E-8B	88				72.9						

Totals may not add due to rounding.

P-1 SHOPP LIST PAGE NO. ITEM NO. 055 UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: GENERAL PURPOSE COMPUTER REPLACEMENT MN-GPC FY 1998 PB

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-8 CLASS P

TEAM INFO DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will reduce the current qty of 5 militarized general purpose computers (DMS articles) with 2 commercial-off-the-shelf general purpose computers will meet the current operational PE 0207581F CENTER: ESC MODELS OF AIRCRAFT AFFECTED: E-8C requirements.

DEVELORMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NNE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract

PROJECTED FINANCIAL PLAN	PRTOR	Œ.	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!			17.0	!	25.5		19.7	 	
PROCUREMENT (3010) INSTALL KITS								12	1.5		
KITS NONRECUR EQUIPMENT								(12)	5.6		
EQUIP NONREC CHANGE ORDERS DATA									1.6		
SIM/TRAINER SUPPORT-EOUIP											
INSTALLATION OF HARDWARE FY-99 12 KITS								(12)	8.8		
TOTAL INSTALL QTY/COST			1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t t t	 	12	8.8	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL, COST (BP-1100)		! !	1	 		: : : :	! ! ! !	12	17.5		
DUE	TO ROUNDING.) N: INSTALLATION DEPOT INITIAL LEAD TIME 24 MONTHS	DEPOT 24 MO	NTHS	ΙT	FOLLOW-ON LEAD TIME 24 MONTHS	AD TIME	24 MONTF	Ş			

	TOTAL AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.5		0.0	1.6		α		8.8	17.5			
(CONTINUED)	TO QTY		12				•	12)	177	12	12			
(CONT.	TO COMP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1					
	TO QTY								1	!				
	ey-03 Amt													
CEMENT		! !							1	1		FY-01		
R REPLA	AMT	!							1			FY-00		
COMPUTE	FY-02											FY-99	2/99	
PURPOSE	QTY	 							1			FY-98		
GENERAL PURPOSE COMPUTER REPLACEMENT (CONTINUED)	FY-01 AMT	; ; ; ;									NDING.)	FY-97	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	663
SPC	PTY	! ! !								1	TO ROU	FY-96		FY-01 2 4 4
FACT SHEET: E-8 MN-(PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIP NONREC	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY-99 12 KITS	ł	TOTAL INSTALL QTY/COST	TOTAL, COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 055-2 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: OPERATOR WORKSTATION REPLACEMENT MN-OWS FY 1998 PB

MODELS OF AIRCRAFT AFFECTED: E-8C

CENTER: ESC

PE 0207581F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-8 CLASS P TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to potential diminishing manufacturing sources and to retrofit the delivered assets to the new design. This mod will replace the current 18 militarized operator work stations with 18 commercial-off-the-shelf operator workstations which continue to meet the current operational requirements. DEVELOPMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NRE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract

PROJECTED FINANCIAL PLAN													
	Ы	PRIOR	FY-	FY-96	FY-97	-97	FY	FY-98	FY	FY-99	Ē	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RD#4E (3600)	1		\$ 1 1			9.1		3.7	i i i	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
(0000) (1917)													
PROCUREMENT (3010)													
INSTALL KITS									108				
KITS NONRECUR		•											
EQUI PMENT									(108)	19.7			
EQUIP NONREC													
CHANGE ORDERS													
DATA										1.8			
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-99 108 KITS									(108)	4.2			
	1 1 1	1 1 1 1 1	1	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!		1		! ! !		
TOTAL INSTALL QTY/COST									108	4.2			
	1	1 1 1 1 1					1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1 1 1	 	1 1 1 1 1 1 1 1 1	
TOTAL COST (BP-1100)									108	25.7			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	NDING.)											
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	N: INS	PALLATION	DEPOT										
	INITIAL	LEAD TIME 24 MONTHS	- 24 MONT	HS	딢	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 24 MONTHS	13				

	TOTAL AMT			19.7	1.8		4.2	4.2	25.7			
(CONTINUED)	TO' QTY	!	108				(108)	108	108			
(CONT	TO COMP	 										
	TO	İ										
	03 AMT	† •										
E.	FY-03 QTY	[, 	FY-01	1	
EPLACEME	AMT								6 † 1 1 1 1	-	 	
ATION R	FY-02	!								FY-99	2/99	
OPERATOR WORKSTATION REPLACEMENT ITINUED)	QTY									FY-98	! ! !	
OPERATO! (CONTINUED)	-01 AMT	 							ING.)	FY-97	 	3 4 54 18 54 18
SWS	FY-01 QTY								TO ROUND	FY-96	! ! !	FY-01 2 36 5 36 5
FACT SHEET: E-8 MN-(PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 055-4 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PB

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC E-8 CLASS P

TEAM INFO PE 0207581F CENTER: ESC MODIFICATION TITLE AND NO: PROGRAMMABLE SIGNAL PROCESSOR MN-PSP MODELS OF AIRCRAFT AFFECTED: E-8C

DEVELOPMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NRE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract action.

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will replace the current militarized Programmable Signal Processor (PSP) with a commercial-off-the-shelf PSP which continue to meet the current operational requirements.

PROJECTED FINANCIAL PLAN												
	2	PRIOR	FY-	FY-96	FY-97	97	FY-98	86	FY-	FY-99	FY-00	-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	 	1 1 1 1 1	; ; ;	: ! ! ! !	! ! !	14.8	<u> </u>	19.9	\$ \$ \$ \$	8.9		1 1 1 1 1 1
PROCUREMENT (3010)												
INSTALL KITS									9	0.1		
KITS NONRECUR												
EQUI PMENT									(9)	7.6		
EQUIP NONREC												
CHANGE ORDERS												
DATA										2.7		
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 6 KITS									(9)	4.3		
	1 1 1	1 1 1 1 1 1 1 1	!!!!	1	1 1 1 1 1 1 1 1 1 1	1111111	1 1 1 1			1 1 1 1 1 1 1 1	1	1 1 1 1 1 1
TOTAL INSTALL QTY/COST									9	4.3		
	1	1	1 1 1 1				!			1		
TOTAL COST (BP-1100)									Q	14.7		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU!	NDING.)	9									
METHOD OF IMPLEMENTATION: INSTALLATION DEPOI	ISNI INS	TALLATION	DEPOT		i				ţ			
-	NITIAL	INITIAL LEAD TIME 24 MONTHS	- 24 MONT	HS	FO	FOLLOW-ON LEAD TIME 24 MONTHS	AD TIME	- Z4 MONTH	χ,			

PAGE 055-5
*** UNCLASSIFIED ***

	TOTAL AMT	i ! ! !	•	7.0	7.6	ſ	2.1		4.3	4.3	1	14.7					
(CONTINUED)	T QTY	1		٥					(9)	9	1	9					
(CONT	TO COMP										1						
	TO QTY	!									1						
)3 AMT																,
	FY-03 QTY								1				FY-01				
OCESSOR	AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1				FY-00				
PROGRAMMABLE SIGNAL PROCESSOR (TINUED)	FY-02 Y												_	2/99			
MMABLE S	QTY	1							1				FY-98				
PROGRAM (CONTINUED)	FY-01 AMT								1			(DING.)	FY-97			3 4	3 11
ďSc	PT								1		1	TO ROUR	FY-96		FV-01	2 2	7 7
FACT SHEET: E-8 MN-1 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010)	KITS NONRECUR	EQUIPMENT EQUIP NONBEC	CHANGE ORDERS	DATA SIM/TRAINER	T-EQUIP	FY~99 6 KITS	TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	TNSTATIATION SCHEDIILE.	QUARTERS 1	INPUT OUTPUT

PAGE 055-6

MODIFICATION OF AIRCRAFT

02/14/97

DATE

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: E-8C

CLASS P CIC E-8

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will replace the current militarized RCU/PCU with commercial-off-the-shelf RCU/PCU which continues to meet the current operational requirements. TEAM INFO PE 0207581F MODIFICATION TITLE AND NO: RADAR CONTROL UNIT/PROCESSOR CONTROL UNIT MN-RC/PCU CENTER: ESC

DEVELOPMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NRE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract

AMT FY-00 QTY 15.0 3.8 9.0 6.4 7.8 AMT FY-99 12 12 (12) QTY AMT FY~98 QTY AMT FY-97 QTY AMT FY-96 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT QTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST 12 KITS PROCUREMENT (3010) SUPPORT-EQUIP KITS NONRECUR CHANGE ORDERS INSTALL KITS EQUIP NONREC RDT&E (3600) SIM/TRAINER **EQUI PMENT** FY-99

FOLLOW-ON LEAD TIME -- 24 MONTHS

INITIAL LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

	L AMT			8.0	6.4		7.8			1		15.0					
NUED)	TOTAL QTY			12						!	1						
(CONTINUED)	OMP AMT									1							
	TO COMP QTY									1							
L UNIT	3 AMT									1							
RADAR CONTROL UNIT/PROCESSOR CONTROL UNIT	FY-03 QTY									-				FY-01	 		
ROCESSOF	AMT													FY-00	! ! ! !		
L UNIT/P	FY-02													FY-99	2/99		
CONTRO	QTY									1				FY-98			
CU RADAF (CONTINUED)	-01 AMT									1			ING.)	FY-97		3 4	
3C/F	FY-01 QTY									-		 - - -	TO ROUNE	FY-96	! ! !	FY-01 2 12 12	3
FACT SHEET: E-8 MN-6 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECOK EQUIPMENT	CHANGE ORDERS	DATA	SIM/TRAINER SUPPORT-EOUIP	INSTALLATION OF HARDWARE FY-99 12 KITS		TOTAL INSTALL OTY/COST	TOTAL COST (BP~1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OITPUT	

UNCLASSIFIED

		BUDGET ITEM (EXHIBI	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUARY 1997	የሃ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	AFT MODIFICATIONS	S	P-1 ITEM NOMENCLATURE: H-1	:LATURE: H-1			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$18.381	\$8.759	\$2.778	\$18.854	\$0.278	\$0.644	\$0.664	\$0.648

This line item funds modifications to the UH-1N aircraft. The two engine UH-1N is a light-lift, utility helicopter primarily used for missile site and range support and distinguished visitor airlift support. The specific modifications budgeted and programmed are below.

CLASS	MOD	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	A66666	LOW COST SAFETY MODIFICATIONS		0.3	0.1	0.2	0.3	9.0	0.7	9.0		2.8
	J	CLASS P-S TOTAL FOR H-1		0.3	0.1	0.2	0.3	0.6	0.7	9.0		
Δι	3150	NAVSTAR GLOBAL POSITIONING SYS	3.0			0.8						3.8
	8432	INTEGRATED DATA ACQUISITION RE	6.0		2.6	1.0						9.6
	T8123	FLEXPLATE MAIN DRIVESHAFT	5.9	5.1								11.0
	TCAS	TRAFFIC COLLISION AVOIDANCE SY		3.4		16.9						20.2
	288888	REPROGRAMMINGS	3.4									3.4
	J	CLASS P TOTAL FOR H-1	18.3	8.5	2.6	18.7						
TOTAI	TOTAL FOR H-1		18.3	8.8	2.8	18.9	0.3	0.6	0.7	9.0		

Totals may not add due to rounding.

Qi-	UNCLASSIFI		
CUC		ITEM NO. 056	
Z. V. J.	PAGE NO.	P-1 SHOPP LIST	

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

CLC H-1

TEAM SPACE

PE 0101235F

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150 CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: UH-1N

DESCRIPTION/JUSTIFICATION: During operational missions, the UH-1N are in Visual Flight Rules (VFR) or marginal VFR conditions that could require an Instrument Flight Rule (IFR) recovery at some fields. In addition the UH-1N must perform en route and over water navigation and non-precision approaches at military airfields. The Federal Radio Navigation and Chairman, Joint Chiefs of Staff (CJCS) Master Navigation Plan requires that the UH-1N avionics system be capable of performing en route in the National Airspace (NAS) as the primary external reference using GPS as the primary external reference by 2000.

, AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY 1.1 0.4 AMT FY-96 63) QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

0.2 INSTALLATION OF HARDWARE PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC 64 SIM/TRAINER **EQUIPMENT** FY-96

0.2 9.0 9.0

62

62)

5

3.0 64 TOTAL INSTALL QTY/COST TOTAL COST (BP-1100)

INITIAL LEAD TIME -- 12 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

FOLLOW-ON LEAD TIME -- 12 MONTHS

	TOTAL	AMT		1.1	0.1	0.4	0.1	0.0	0.4	0.6	1 '	9.0	3.8					
NUED)	TO	QTY		63	П					(64)	;	64	64					
(CONTINUED)	ΜP	AMT															ъ Ф	25
	TO COMP	QTY								٠		-				FY-99	1 2 38 25	
	3	AMT															3	
STEM	FY-03	QTY									-	:				FY-98	1 5	
NAVSTAR GLOBAL POSITIONING SYSTEM (INUED)		AMT										1 1 1					T	
POSITI	FY-02	_												FY-99		FY-97	2 3	
R GLOBA		QTY												FY-98		Ţ	-	
NAVSTA (CONTINUED)	FY-01	AMT									1	1	DING.)	FY-97			3 4	
150	FY	QTY									1		TO ROUN	FY-96	1/97	FY-96	2	
FACT SHEET: H-1 MN-3 PROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIPMENT EQUIP NONREC	CHANGE ORDERS	SIM/TRAINER	SUPPORT-EQUIP OGC	INSTALLATION OF HARDWARE FY-96 64 KITS		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS 1	OUTPUT

PAGE 056-2 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

MODIFICATION TITLE AND NO: INTEGRATED DATA ACQUISITION RECORDER MN-8432 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC H-1 TEAM SPACE PE 0101235F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: UH-1N

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: During operational missions, the UH-1N requires a Voice Activated Data Recorder (VADR) to provide aircraft Inertial Navigation System monitoring and aircrew cockpit and Air Traffic Control communications recordings.

AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN												
	PRIOR	OR	FY-96	96	FY-97	76	FY-98	86	FY-99	66	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT
RDT&E (3600)			1 5 6 7	1 	: ! ! !	1	1 ! !	 		1 ! ! ! ! !	<u> </u>	
PROCUREMENT (3010)												
INSTALL KITS			34	1.3			29	1.0				
KITS NONRECUR			1	1.6								
EQUIPMENT			(34)	2.9			(29)	1.5				
EQUIP NONREC			(1)	0.1								
CHANGE ORDERS												
DATA				0.1								
SIM/TRAINER												
SUPPORT-EQUIP				0.1								
SOFTWARE												
290								0.1		0.2		
INSTALLATION OF HARDWARE												
FY-96 35 KITS							(1)		(34)	0.4		
FY-98 29 KITS									(62)	0.4		
	1 1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1	-	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1	-	1 1 1 1 1 1		
TOTAL INSTALL QTY/COST							1		63	0.8		
							-		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1
TOTAL COST (BP-1100)			35	0.9			29	2.6		1.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUND	ING.)										
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM	4: INSTA	LLATION	- CONTRACT	FIELD TEAM								
I	INITIAL L	EAD TIME .	INITIAL LEAD TIME 12 MONTHS	HS	FOI	TOM-ON TE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	80			

FACT SHEET: H-1 MN-6 PROJECTED FINANCIAL PLAN	1432	INTEGRATE (CONTINUED)	DATA AC	INTEGRATED DATA ACQUISITION RECORDER:INUED)	RECORDER			(CONTINUED)	NUED)	
	E	FY-01	FY-02	02	FY	FY-03	TO	TO COMP	TOTAL	AL
	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	OTY 	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									63	2.3
KITS NONRECUR									1	1.6
EQUI PMENT										4.4
EQUIP NONREC										0.1
CHANGE ORDERS										
DATA										0.1
SIM/TRAINER										
SUPPORT-EQUIP										0.1
SOFTWARE										
250										0.3
INSTALLATION OF HARDWARE										
FY-96 35 KITS									(32)	0.5
FY-98 29 KITS									(29)	0.4
	!!!!!		1	1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1		
TOTAL INSTALL QTY/COST									64	0.8
	1 1 1				1	1			1	1 1 1 1 1 1 1
TOTAL COST (BP-1100)									64	9.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUR	(DING.)								
MILESTONES										
		100								

3 25 25 FY-97 2 1 FY-96 FY-97
---- ---- 2/96
2/97 INSTALLATION SCHEDULE: FY-96
QUARTERS 1 2
INPUT
OUTPUT CONTRACT-DATE (QTR/FY)
DELIVERY-DATE (QTR/FY)

FY-98 1/98 1/99

PAGE 056-4
*** UNCLASSIFIED ***

02/14/97

DATE

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MN-T8123 MODIFICATION TITLE AND NO: FLEXPLATE MAIN DRIVESHAFT

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC H-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: UH-1N HELICOPTERS

TEAM SPACE PE 0101235F DESCRIPTION/JUSTIFICATION: This modification will replace existing Main Drive Shaft (MDS) with a proven, nonlubricated flexor fail passive design MDS. The modification requires an upgrade to the T400-CP-400 Combining Gear Box (CGB) as well as modified engine firewalls. Over the past several years military HH/UH-1NS (AF/Navy) helicopters have experienced related Class A mishaps directly attributable to failure of the MDS splined coupling. Both shaft misalignment and loss of lubrication have been identified as the most problable cause of these

CENTER: WR-ALC

AIRCRAFT BREAKDOWN: Active -- 66 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: The Navy is Primary Inventory Control Agency (PICA) for the MDS and all design engineering has been accomplished by that service. Trial install and kit proof is also being done by the Navy.

			•								
PRIOR	FY-96		FY-97	-	FY-	FY-98	FY	FY-99	FY	FY-00	
		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
i											
٠											
	40	1.1	25	0.4							
	1										
	(40)	3.8	(25)	2.2							
		0.9									
				0.3							
		0.1									
				1.6							
			(41)	0.4							
			(25)	0.2							
		1	-	1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1	1	1	
			99	9.0							
:	41	5.9	25	5.1	 					 	
ROUNDING.)	Tata/ modad	N K L L									
INSTANTANTON I	12 MONTHS	1 EPR	FOL	LOW-ON LE	ND TIME -	- 9 MONTHS	70				
	RDT&E (3600) CCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC SQUIP NONREC SATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES SY-96 41 KITS FY-97 25 KITS FY-97 25 KITS FOTAL COST (BP-1100) GOTAL COST (BP-1100) GOTAL COST (BP-1100) GOTAL SAN NOT ADD DUE TO ROUNDING.) GOTAL COST (BP-1100) GOTAL COST (BP-1100) GOTAL COST (BP-1100) GOTAL COST (BP-1100) GOTAL COST (BP-1100) GOTAL COST (BP-1100) GOTAL COST (BP-1100)	40 1 1 (40) (40) 1 1000000000000000000000000000000000	40 1 (40) (40) (10) ((25) ((25) ((25) ((25) (25 0.4 (25) 2.2 (41) 0.4 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.5 (25)	25 0.4 (25) 2.2 (41) 0.4 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.5 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.7 (25)	25 0.4 (25) 2.2 (41) 0.4 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.2 (25) 0.5 (25) 0.5 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.6 (25) 0.7 (25)	25 0.4

*** UNCLASSIFIED *** PAGE 056-5

	AMT		1.6	0.0	6.0	0.3	0.1	0.0		0.4		9.0	11.0			
(UED)	TOTAL QTY	:	65	п						(41)		99	99			
(CONTINUED)	OMP AMT															
	TO COMP QTY A										;					
	FY-03 AMT															3 4
	F	1									!					FY-98 1 2 25 8 17
ÆSHAFT	2 AMT										1					3 4 1 14 1 14
FLEXPLATE MAIN DRIVESHAFT NUED)	FY-02 QTY										:	1		FY-98		FY-97 1 2 3 13 14
3 FLEXPLA (CONTINUED)	FY-01 AMT												ING.)	FY-97	1/97	ى 4.
r812	FY- QTY											1	TO ROUNI	FY-96	2/96 2/97	FY-96 2
FACT SHEET: H-1 MN-7 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIP NONREC	DATA	SIM/TRAINER	SUPPORT-EQUIP MOD OF SPARES	TION OF	FY-96 41 KITS FY-97 25 KITS		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

PAGE 056~6 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC H-1 CLASS P

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: TRAFFIC COLLISION AVOIDANCE SYSTEM MN-TCAS FY 1998 PB

PE 0101235F TEAM SPACE DESCRIPTION/JUSTIFICATION: Airborne system that enables detection and avoidance of other aircraft on intercepting flight paths. Operated with and in conjunction with on-board IFF system as well as maintains aircraft separation.

AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0 CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: UH-1N

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN												
		PRIOR	FY	FY-96	Œ	FY-97	Œ	FY-98	Ę	FY-99	Œ	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1					1 1 1 1 1 1 1		1 1 1 1 1 1 1	1 1 1 1		1	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS									63	3.8		
KITS NONRECHE									-	6.0		

RDI&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS				63	3.8			
KITS NONRECUR				1	0.9			
EQUIPMENT	(1)	1.2		(63)	3.1			
EQUIP NONREC	1)	2.0		(1)	1.2			
CHANGE ORDERS								
DATA		0.1			0.8			
SIM/TRAINER					2.4			
SUPPORT-EQUIP								
250								
INSTALLATION OF HARDWARE								
FY-99 64 KITS				(63)	4.7			
				!		1	1	
TOTAL INSTALL QTY/COST				63	4.7			
	-		111111111111111111111111111111111111111			1		
TOTAL COST (BP-1100)		3.4		64	16.9			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM	ΑМ							
SUBMON CI ONITH GREAT INTERINT	Č	MAT MO-WOLL	SURVINOW CT SMITH GROTING INC. WOLLING	Ones				

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

**
UNCLASSIFIED
* * *

PAGE 056-8

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	DGET ACTIVITY UREMENT AF/AIRCF	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	SN	P-1 ITEM NOMENCLATURE: H-60	LATURE: H-60			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)		\$5.981	\$16.852	\$19.292	\$11.574	\$11.441	\$46.935	\$29.805

This line item funds modifications to the HH-60 helicopter. The HH-60 is a twin engine, aerial refuelable helicopter capable of performing combat search and rescue missions day or night. The overall goal of the modifications budgeted in FY98 is to install the -701 engine in the HH-60 and provide enhanced communications capability. The specific modifications budgeted and programmed are below.

	МОБ		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFICATION TITLE									TO GO	PROG.
Ь	8254	ALTITUDE HOLD AND HOVER SYSTEM			1.1							8.1
	8258	AN/AAQ-16B FLIR		5.5							39.3	55.3
	X66666	LOW COST MODIFICATIONS			0.3						2.0	2.8
	ARR	AEROSPACE RESCUE AND RECOVERY			6.6	7.2	0.8					17.9
	T8130	HH-60G RETROFIT		0.5							0.3	17.3
	T8415	UPGRADE COMMUNICATIONS AND NAV			5.6	12.1	10.8	11.4	46.9	29.8	17.2	133.8
		CLASS P TOTAL FORMH-60		6.0	16.9	19.3	11.6	11.4	46.9	29.8	58.8	
TOTAL	TOTAL FOR MH-60	1-60		6.0	16.9	19.3	11.6	11.4	46.9	29.8	58.8	

Totals may not add due to rounding.

7 C	II EM NO. 05/	
	P-1 SHOPP LIST PAGE NO.	

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC MH-60 CLASS P EXHIBIT P3A CONGRESSIONAL

FY 1998 PB MODIFICATION TITLE AND NO: AN/AAQ-16B FLIR MN-8258

DATE 02/14/97

TEAM AIR

DESCRIPTION/JUSTIFICATION: Purchases AN/AAQ-16 Group B required to equip 68 HH-60Gs with FLIR capability and provide ICS maintenance. AIRCRAFT BREAKDOWN: Active -- 22 RES -- 25 ANG -- 15 PE 0207224F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: HH-60G

DEVELOPMENT STATUS: The HH-60G is modified to accept the Q-16 FLIR with GPS-navigation upgrade modification. No additional development or modification required.

PROJECTED FINANCIAL PLAN													
	PR	PRIOR	FY	FY-96	Ē	FY-97	Œ	FY-98	FY	FY-99	FY	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
	!	1	1	111111111	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1		1		1 1 1 1 1 1 1	
RDT&E (3600)		٠											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	ç	o			ď	c •							
EQUALITIES IN	3 4				,	>							

9.4 12 KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS SIM/TRAINER SUPPORT-EQUIP PROCURE INSTA

1.1

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

1.5 5.5

*** UNCLASSIFIED *** PAGE 057-1

FACT SHEET: MH-60 MP PROJECTED FINANCIAL PLAN	4-82	₽	AN/AAQ-16B FLIR NUED)	ER.					3)	(CONTINUED)			
	FY-01 QTY	.01 AMT	QTY	FY-02 AMT		FY-03 OTY	3 AMT	TO QTY	TO COMP	QTY	TOTAL	AMT	
RDT&E (3600)	} { { }	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		i 		!				 	
OCCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIMTRAINER SUPPORT-EQUIP ICS								ь С	39,3		09	52.8	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MITESTONES	TO ROUND		 			: 		43	39.3	-		55.3	
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	FY-93 4/95 2/97	FY-94	FY-95	FY-96	FY-97 1/97 1/98	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04 1/04 1/05	FY-05 1/05 1/06

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

TEAM AIR PE 0503114F CIC MH-60 CENTER: WR-ALC MODIFICATION TITLE AND NO: AEROSPACE RESCUE AND RECOVERY MN-ARR MODELS OF AIRCRAFT AFFECTED: HH60-701C ENGINE

DESCRIPTION/JUSTIFICATION: Replaces the UH-60L gearbox with an improved durability gearbox with roto-brake. Also replaces the -700 engine with the -701C engine and installs improved flight controls (ECP451).

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 0 ANG -- 11

DEVELOPMENT STATUS: N/A.

AMT FY-00 QTY 1.6 0.3 3.8 9.0 AMT FY-99 3 9 QTY 6.1 2.5 1.0 AMT FY-98 S 2 10) OTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE FY-98 5 KITS PROCUREMENT (3010) EQUIP NONREC CHANGE ORDERS SIM/TRAINER SUPPORT-EQUIP ENGINES KITS NONRECUR INSTALL KITS RDT&E (3600) EQUIPMENT

FOLLOW-ON LEAD TIME -- 6 MONTHS

INITIAL LEAD TIME -- 6 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)

TOTAL INSTALL OTY/COST

FY-98 FY-99

0.2

0.7

4)

0.8 9.0

0.7 7.2

9.9

*** UNCLASSIFIED *** PAGE 057-3

	AMT		1.6	4.1	0.3	6.6	0.5	0.9	1.4	17.9		2 4 4
	TOTAL	<u> </u> 	_						-	i i		FY-00 2 2 1
(CONTINUED)	QTY		8					(2)	8	1 60 1 1		7 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
(CONT	AMT									; ; ;		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	TO COMP								1			FY-99 2
	T	1								 		1 1
	AMT											T
	FY-03	!							İ			FY-98 2 3
RY	QTY										ı	FY 1
RECOVE	AMT	!								FY-00	! ! !	4
ue and	FY-02										1/99	3
AEROSPACE RESCUE AND RECOVERY NUED)	QTY									 FY-98	2/98 3/99	FY-97
AEROSPA NUED)	AMT	! ! !								ING.) FY-97	<u> </u>	4
ITNO	FY-01									UNDING	•	e S
1-AR	QTY	1								TO ROU	!	FY-96 2
FACT SHEET: MH-60 MF PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONKECOK EQUIPMENT	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP ENGINES	OGC INSTALLATION OF HARDWARE	FY-98 5 KITS FY-99 3 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-96 FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

02/14/97

FY 1998 PB DATE

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: HH-60G

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC MH-60 CLASS P

DESCRIPTION/JUSTIFICATION: To manufacture Group A and install -132 equipment on ten 1981/82 model aircraft and procure three of Group B (7.62 Minigun Pentile Mount, Feeder Delinkers, and Light Airborne Recovery System (LARS)). Manufacture Group A and install WR-ALC/LUH ECP 94-1 for LARS on fourteen 1988, eight 1989, two 1990, four 1991, and two 1992 model aircraft. Manufacture and install WR-ALC/LUH ECP 94-5 to correct Hoist System Deficiencies and WR-ALC/LUH ECP 94-6 to correct number one VHF/FM antenna deficiencies. Retrofit all aircraft with improved fuel transfer pump. Installs Aerial Refueling modification on 4 aircraft. TEAM AIR PE 0207224F CENTER: WR-ALC MN-T8130 MODIFICATION TITLE AND NO: HH-60G RETROFIT

AIRCRAFT BREAKDOWN: Active -- 24 RES -- 23 ANG -- 18

DEVELOPMENT STATUS: Group B already procured except for fifteen 7.62 pentile, fifty-six feeder delinkers, and eighteen LARS. Engineering is complete on WR-ALC/LUH ECPs 94-1, 94-5, and 94-6.

PROJECTED FINANCIAL PLAN												
	а	PRIOR	FY.	FY-96	FY-	FY-97	FY	FY-98	FY	FY-99	FY	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	!	!	1				1 1 1 1		1 1 1 1 1			
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	65	6.1										
KITS NONRECUR		0.3										
EQUI PMENT	(65)	2.7										
EQUIP NONREC												
CHANGE ORDERS												
DATA		9.0										
SIM/TRAINER												
SUPPORT-EQUIP		0.2										
ICS		0.2				0.5						
INSTALLATION OF HARDWARE												
FY-94 65 KITS ((65)	6.3										
	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1	1			1	1					1 1 1 1 1 1 1 1
TOTAL INSTALL QTY/COST	165	6.4										
	1			!!!!!!!!!!	1 1 1 1	1			1	1 1 1 1 1 1 1 1	1	1 1 1 1 1
TOTAL COST (BP-1100)	65	16.6				0.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	'NDING')										
METHOD OF IMPLEMENTATION:	_	NSTALLATION DEPOT	DEPOT									
I	INITIAL	INITIAL LEAD TIME 2 MONTHS	- 2 MONTE	SI	FC	DITOM-ON LE	AD TIME	FOLLOW-ON LEAD TIME 2 MONTHS				

*** UNCLASSIFIED *** PAGE 057-5

	TOTAL AMT	1 1 1 1 1	6.1 0.3 2.7	9.0	0.2	6.3	6.4	17.3		
NUED)	TC QTY	: : :	65			(65)	165	65		
(CONTINUED)	TO COMP	1 1 1 1 1 1 1			0.3			0.3		
	TO	† 								
	FY-03 AMT	! ! ! !								
		\$ E E								
	02 AMT	1 1 1 1 1								3
HH-60G RETROFIT JED)	FY-02 QTY	! ! !								FY-95 . 2 . 8 . 11
TINI	FY-01 AMT	t 						DING.)	FY-95 1/95 1/95	3 4 1 2 30 20 31 23
-T8	FY QTY	! ! !						TO ROUN	FY-94 1/94 1/94	FY-94 2 4
FACT SHEET: MH-60 MN PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIT NONKEC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP ICS	INSTALLATION OF HARDWARE FY-94 65 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 1 OUTPUT

MODIFICATION OF AIRCRAFT

02/14/97

FY 1998 PB DATE

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CIC MH-60 MN-T8415

TEAM AIR CLASS P PE 0207224F MODIFICATION TITLE AND NO: UPGRADE COMMUNICATIONS AND NAVIGATION/INTEGRATED E CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: HH-60G

lighting will be provided by the elimination of unlighted comm/nav equipment control heads during the cockpit integration effort. incompatible lighted panels and controls will also be modified to compliance. Additionally the EW portion of the mod will install enhanced integration and Night Vision Goggle (NVG) compatible cockpit lighting. This mod will provide the satellite communications capability required for integration into the modern battlefield command, control and communications network. The cockpit integration portion of the mod corrects human factor deficiencies inherent in the original HH-60G GPS navigation upgrade modification. Required NVG compatible chaff/flare dispensers in an optimized configuration, missile warning system and an enhanced radar warning receiver. System will improve Modifies the HH-60G with upgraded communications and navigation (UCN) system to include SATCOM, cockpit weapon system survivability by providing automated response as well as manual flare/chaff dispense capability. DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: Engineering for UCN portion has begun, yet while development of the IEW began with a previous effort. Complete engineering effort is scheduled to begin in August 1998.

PROJECTED FINANCIAL PLAN	H.	PRIOR	FY-96	96	FY-97	.97	FY-98	86	FY-99	66	FY-00	00
	QTY	AMT	OTY	AMT		AMT	QTY	AMT	YTQ	AMT		AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							4	9.0	10	1.7	10	1.7
KITS NONRECUR								6.0		0.3		
EQUI PMENT							(4)	2.2	(10)	5.7	(01)	5.0
EQUIP NONREC												
CHANGE ORDERS												
DATA										0.1		
SIM/TRAINER								0.5		2.2		0.7
SUPPORT-EQUIP								0.5		0.8		
ICS								0.1				
290								0.7		7.0		0.7
INSTALLATION OF HARDWARE												
FY-98 4 KITS									(2)	0.7	(2)	0.7
FY-99 10 KITS											(9)	2.0
FY-00 10 KITS												
FY-01 4 KITS												
FY-02 54 . KITS												
FY-03 17 KITS												
							1		:	1111111	1	*****
TOTAL INSTALL QTY/COST									7	0.7	80	2.7
	!		1				1	1	1	! ! ! ! ! ! ! ! ! !	!!!!!	
TOTAL COST (BP-1100)	ALICO CE	in Trice					4	5.6	10	12.1	10	10.8
(ICIALS MAI NOI AND DOE IO NOOMOING:) METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM	N: INST	ALLATION	CONTRACT	FIELD TEAM	55							
H	INITIAL	LEAD TIME 18 MONTHS	- 18 MONT	HS		Trom-on TE	AD TIME -	FOLLOW-ON LEAD TIME 18 MONTHS	ro.			
•	-			?	•				,			

*** UNCLASSIFIED *** PAGE 057-7

FACT SHEET: MH-60 MN-T8415 UPGRADE COMMUNICATIONS AND NAVIGATION/INTEGRATED E PROJECTED FINANCIAL PLAN (CONTINUED)
MH-60 MN-T8415 INANCIAL PLAN (CONTINU
MH-60 INANCIAL PLA
MH-60 INANCIA
F+1 0

																		Ĺι			
																		07 FY-08			4 th th
AL AMT	1 1 1 1 1 1 1 1 1 1	17.6	59.5	1.5	1.9	9.0	0.3	5.7		1.3	3.4	3.5	1.5	18.9	7.5	36.0	133.8)6 FY-07	1	00	1 3 3
TOTAL QTY		66								4)	10)	10)	4)	54)	17)	66	66	3 FY-06		FY-00	1 2 1 1 1 1
1T	!							1.0		~	~	~	_	9.8	7.5 (16.2	17.2	ш.			4 11 4
TO COMP	į																	-	; 1 1 1	FY-99	2 3
TC QTY														(56)	(11)	43		FY-03	1/03	F	- i
3 AMT		3.1	10.8	1.5	0.8	1.6		1.0					0.7	10.2		11.0	29.8	FY-02	1/02		e. A
FY-03 QTY	-	17	17)										2)	28)		30	17	FY-01	1/01 3/02	FY-98	2
AMT	;	9.1	33.4 (1.0			0.7				1.4	0.7 (_		2.1	_	FY-00	1/00		4
FY-02 A																		FY-99	1/99 3/00	97	m
QTY		54	(54)									(4)	(2)			9	54	FY-98	1/98 3/99	FY-97	1 2
.01 AMT		0.7	2.4	1.8		0.7	1.6	0.8			1.4	2.1				3.4	11.4 ING.)	FY-97	1 5 1 1		3
FY-01 QTY		4	4)								4)	(9				10	4 TO ROUND	FY-96	 	FY-96	6
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT (EQUIP NONREC CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP ICS	000	INSTALLATION OF HARDWARE	4	10	10	4	54	FY-03 17 KITS	TOTAL INSTALL QTY/COST	(BP-1100) X NOT ADD DUE	MILESTONES	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE:	QUARTERS INPUT OUTPUT

14 3 FY-02 2 2 2 FY-07 2 4 INSTALLATION SCHEDULE:
QUARTERS
1
INPUT
1
OUTPUT
3 INSTALLATION SCHEDULE:
QUARTERS
1
INPUT
6
OUTPUT
5

5 3

FY-05 2

PAGE 057-8

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY VIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	RAFT MODIFICATIONS	SN	P-1 ITEM NOMENC	P-1 ITEM NOMENCLATURE: OTHER AIRCRAFT	RCRAFT		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$28.555	\$35.059	\$33.065	\$22.393	\$48.805	\$72.146	\$113.647	\$170.650

This line item funds modifications that apply to multiple weapon systems and weapon systems funded at less than \$2 million per year. The overall goal of the modifications budgeted in FY98 is to enhance capability and improve reliability and maintainability. The Harm Targeting System will provide precision targeting information for the F-16C. The UHF SATCOM/ANDVT/DAMA upgrade mod will provide modernized SATCOM terminals as mandated by the JCS. The specific modifications budgeted and programmed are shown below.

TOTAL	PROG.	2.4	0.4		143.6	57.5	15.6	42.9	0.3	48.9	6.8	3.2	1.0	4.7	571.1	18.2	199.0	20.9	0.1	3.0		
COST	TO GO						5.7								301.3						307.0	307.0
FY-03		0.2		0.2			0.1					0.1			105.0		65.3				170.5	170.7
FY-02		0.2		0.2			0.1					0.1			76.7		36.6				113.5	113.6
FY-01							0.1					0.1			51.9		20.1				72.1	72.1
FY-00												0.1			28.3	0.1	19.4	0.8			48.8	48.8
FY-99									0.1						7.8	3.3	10.0	1.2			22.4	22.4
FY-98		2.0		2.0								0.1	0.1			12.2	16.2	2.5			31.0	33.1
FY-97					2.1	8.7			0.2				0.8	0.5			20.3	1.7	0.1	0.8	35.1	35.1
FY-96			0.2	0.2	1.4	5.6	0.2	9.0		1.3	2.1	0.1	0.1	0.9		2.5	11.3	3.0		2.2	28.4	28.6
	MODIFICATION TITLE	LOW COST SAFETY MODIFICATIONS	#1 BEARING OIL TUBE RETAINER T	CLASS P-S TOTAL FOR OTHER	CARA	ALE-40 DEFICIENCIES	SUPPORT EQUIPMENT UPGRADE	AN/ALR-69 SYS IMPROVEMENT	NAVSTAR GPS (E-9)	A/B SINCGARS AJ COMM	FLIGHT DATA RECORDER	MISCELLANEOUS LOW COSTS MODS (MISCELLANEOUS LOW COST MODS	LOW COST MODIFICATIONS	COMMON MISSILE WARNING SYSTEM	HARM TARGETING SYSTEM	UHF SATCOM/ANDVT/DAMA UPGRADE	HF MODERNIZATION	TACTICAL AIR FORCE - TRAINING	REPROGRAMMINGS	CLASS P TOTAL FOR OTHER	ER
MOD	CLASS NR	P-S 9999A	T6075A	IJ,	P 10611C	13614B	14212B	18615B	3150E9	3429	64201F	£66666	Λ66666	X66666	CMWS	FIGHTS	T8137	T8174	TRAIN	288888	IJ	TOTAL FOR OTHER

Totals may not add due to rounding.

- CALLED TO		
ו מום היים ויים	ITEM NO. 058	

UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: CARA MN-10611C FY 1998 PB

DATE 02/14/97

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

DESCRIPTION/JUSTIFICATION: Replaces existing radar altimeter on a variety of aircraft with a new standard combined altitude radar altimeter which has nominal specification Mean Time Between Failure (MTBF) of 2000 hours. It will be a direct replacement on all but the C-130 aircraft, which will require depot level wiring changes. Existing systems have low reliability and high logistics support cost. 90 Mod Install (FY94: \$0.8).

AIRCRAFT BREAKDOWN: Active -- 4144 RES -- 0 ANG -- 0 PE 0702207F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: MULTI

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN								;		;		;	
	PF	PRIOR	FY-	FY-96	FΫ́	FY-97	FY	FY-98	FY	FY-99	FY	FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	OTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010) INSTALL KITS	3903	2.7											
KITS NONRECUR EQUIPMENT	9294	124.0	1464	0.9	200	1.1							
EQUIP NONREC CHANGE ORDERS		0.2											
DATA		3.2		0.5									
SIM/TRAINER		3.4											
SUPPORT-EQUIP	1)	6.3			(100)	1.0							
INSTALLATION OF HARDWARE													
FY-84 7806 KITS													
FY-96 1464 KITS													
FY-97 200 KITS													
				1 1 1 1 1		1	! ! !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1	1	
TOTAL INSTALL QTY/COST	322	0.3											
		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1 1 1 1 1	1 1 1 1		1			1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
TOTAL COST (BP-1100)	13197	140.2	1464	1.4	200	2.1							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	NDING.)											
METHOD OF IMPLEMENTATION: I	INSI : N	INSTALLATION COMBINATION	COMBINAT	NOI									
	INITIAL	INITIAL LEAD TIME 18 MONTHS	- 18 MONT	HS.	FC	FOLLOW-ON LEAD TIME 18 MONTHS	AD TIME -	18 MONTH	S				

*** UNCLASSIFIED *** PAGE 058-1

(CONTINUED)

FACT SHEET: OTHER MN-10611C CARA PROJECTED FINANCIAL PLAN (CONTINUED)

	FY	FY-01 AMT	QTY	FY-02	AMT	F. QTY	FY-03 A	AMT	TO QTY	TO COMP	QTY	TOTAL Y	AMT	
RDT&E (3600)				İ			1	1	1			1	!	
ROCUREMENT (3010) INSTALL KITS											39	3903	2.7	
KITS NONRECUR EQUIPMENT											*	* * *	126.0	
EQUIP NONREC CHANGE ORDERS													0.2	
SIM/TRAINER													3.4	
T-EQUIP													7.3	
FY-84 7806 KITS FY-94 5391 KITS FY-96 1464 KITS														*
200														
TOTAL INSTALL QTY/COST											1		0.3	
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)											143.6	
MILESTONES	FY-84	FY-85	FY-86	FY-87.	_	8 FY-89		FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	1/84] 			•								
INSTALLATION SCHEDULE:	FY-89		F	FY-90		FY-91	91		FY	FY-92		FY-93		
QUARTERS INPUT OUTPUT	2	3	1	3	4	1 2 26 26	35 35	4 40 40	1 42 3 42 3	2 3 35 35 35 35	4 1 36 36	7	3 4	
INSTALLATION SCHEDULE:	FY-94		Œ	FY-95		FY-96	96							
		3 4		2 3	4	1 2	က	4						
INPUT 12 OUTPUT 12	ထထ	വവ	ဖ ဖ	o o o o	99	9 9	9 9	99						

PAGE 058-2

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

EXHIBIT P3A CONGRESSIONAL

MN-13614B MODIFICATION TITLE AND NO: ALE-40 DEFICIENCIES

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

DESCRIPTION/JUSTIFICATION: The AN/ALE-40 has experienced numerous failures attributed to various LRUs in the system. Some of the LRUs are being modified by WR-ALC, while the sequencer switch is being replaced by a digital switch procured by ASC/RW. These efforts will improve the R&M of the ALE-40 to an acceptable level. The ALE-40 is installed on A-10, F-4, F-16, C-130, C-141 and C-5. TEAM LOG PE 0702207F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: MULTI

AIRCRAFT BREAKDOWN: Active -- 1532 RES -- 0 ANG -- 1370

DEVELOPMENT STATUS: Mod kit installs started Apr 93, prod baseline FCA, PCA, FQR Apr 93. Final DWG del Jan 94. Equip qty shown is A/C

PROJECTED FINANCIAL PLAN												
	PRIOR	OR	FY-96	96	Ē	FY-97	FY-98	98	FY	FY-99	FY-00	00
	QTY	AMT		AMT	QTY	AMT	QTY	AMT	QTY	AMT		AMT
RDT&E (3600)	!				 						! ! ! !	
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR												
EQUI PMENT	1934	1.3										
EQUIP NONREC	П	0.1										
CHANGE ORDERS												
DATA		3.3										
SIM/TRAINER												
SUPPORT-EQUIP MOD OF SPARES	(9104)	4.4										
DIGITAL SEQ S	(4837)	29.0	(100)	2.6	2.6 (2305)	8.7						
TOTAL COST (BP-1100)	1935	46.1		2.6		8.7	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!			! ! ! !
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNE	ING.)	TAMES	SMCTAGMA								
OTTURNING OF THE PRINCIPLE	INITIAL L	INITIAL LEAD TIME 12 MONTHS	12 MONTH	HS		FOLLOW-ON LEAD TIME 12 MONTHS	AD TIME -	- 12 MONTH	Ø			

	'AL AMT	1 1 1 1 1 1 1		1.3	3.3	4.4	40.4	57.5		
NUED)	TOTAL QTY	 		1934 1				1935		
(CONTINUED)	OMP AMT	! ! ! ! !					 		FY-97	1/97 4/97
	TO COMP QTY A	<u> </u>							FY-96	1/96 4/96
	3 AMT	E E E E E E E E E E E E E E E E E E E							FY-95	1/96 4/96
	FY	; !					i !		FY-94	
									FY-93	2/93 1/94
CIENCIES	FY-	! ! ! ! !					 		FY-92	2/92
ALE-40 DEFICIENCIES ED)	QTY	! ! !							FY-91	
ING	01 AMT	# 					 	ING.)	FY-90	
V-13	FY-01 QTY	 					ļ	TO ROUNE	FY-89	4/89
FACT SHEET: OTHER MPROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TBAINED	SIM/INAINEN SUPPORT-EQUIP MOD OF SPARES	DIGITAL SEQ S	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILEGRONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)

PAGE 058-4 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: SUPPORT EQUIPMENT UPGRADE MN-14212B FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI

CENTER: SA-ALC

DESCRIPTION/JUSTIFICATION: Failures of centrifugal switches, fuel control drive shafts, plenum gaskets, and starter clutches have accounted for 13,807 manhours of unscheduled maintenance in one year. Mod to the ground power cart engine will improve mean time between failure rate by 73%, increase service life, and reduce maintenance and life cycle costs.

AIRCRAFT BREAKDOWN: Active -- 2500 RES -- 0 ANG -- 0

TEAM LOG PE 0702207F

DEVELOPMENT STATUS: ECP Jan 85. CCB 20 May 85. Kitproof already done on an OTHER mod.

PROJECTED FINANCIAL PLAN

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY RDT&E (3600)

																			FOLLOW-ON LEAD TIME 16 MONTHS	
															0.2		7.0	T.D. TEAM	S	
														!	160	!		DEPOT/FIE	- 24 MONTH	
	8.5	0.1									0.5	0.3		1 1 1 1 1 1 1 1 1	0.8		9.4	LNG.)	INITIAL LEAD TIME 24 MONTHS	
	1082	1								(413)	(308)	(361)			1083		1083	TO KOUND.	INITIAL L	
(0	(3010) TS	CUR		EC .	ERS		œ	OIP	INSTALLATION OF HARDWARE	413 KITS	9 KITS	1 KITS	0 KITS	•	TOTAL INSTALL QTY/COST	100	TOTAL COST (BF-1100)	(TOTALS MAY NOT AND DUE TO KOUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM		
RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION	FY-90 41	FY-91 309	FY-92 361	FY-04 530		TOTAL INST		TOTAL COST	METHOD OF		

*** UNCLASSIFIED *** PAGE 058-5

UPGRADE	
EQUI PMENT	
SUPPORT	NUED)
MN-14212B	AN (CONTINUES
œ	AL PLAN
OTHER	FINANCIA
SHEET:	ROJECTED F
FACT	PROJE

(CONTINUED)

						FY-04				
						FY-03				
						FY-02				
AMT		0.5	0.3	2.0	15.6	FY-01		3 4 21 24 21 24	3 4 35 30 35 30	3 4 30 30 30 30
TOTAL A					 	FY-00		2 2 17 2 17 2 17 2	FY-99 2 30 3 30 3	FY-04 2 30 3
TC QTY		1612 1 1 413) 309)	361)	1243	1613			1 24 24	20 E	30 E
			~	•	•	FY-99		4 59 59	30 30	30 30
IP AMT		8.0	0.7	0.7	5.7	FY-98		3 57 57	3 40	30
TO COMP QTY AN		9		i	i . o		i	FY-93 2 69 69	FY-98 2 35 35	FY-03 2 30 30
OTY		530			530	FY-97		1 18 18	1 25 25	1 30 30
AMT				0.1	0.1	FY-96	1/96	4	30 30	4 25 25
FY-03					; ; ; ;			3	7 30 30	30 30 30
FY- OTY				-	<u> </u>	FY-95		FY-92 2	FY-97 2 35 35	FY-02 2 28 28
ō į				1	!	FY-94		1	1 25 25	1 25 25
AMT				0.1	0.1			₩.	4 4 4 5 4 5	4 25 25
FY-02				!	1	FY-93		3	36 50 50	30 30 30
PTV FT					1	FY-92	3/92 2/94	FY-91 2	FY-96 2 40 40	FY-01 2 28 28
				=:	-:		3/2	Ħ	1 25 25	1 25 25
1 AMT				0	0.1 NG.)	FY-91	2/92 3/93	4 803 803	4	4 25 25
FY-01	ı			!	OUNDI			90 36	2 2 3 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	35 35
QTY					TO R	FY-90	3/90	FY-90 2 35 35	FY-95	FY-00 1 2 3 31 5 31
	(00)	WT (3010) RECUR WT NNEC DADERS FINER EQUIP FOUN OF HARDWARE 13 309 KITS		TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) TOTALS MAY NOT ADD DUE TO ROUNDING.) MITESTONES	2	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 35 OUTPUT 35	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 25 OUTPUT 25
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HA FY-90 319 KI		TOTAL INS	TOTAL COST (TOTALS MA'		CONTRACT- DELIVERY-	INSTALLAT QU	INSTALLAT	INSTALLAT QU

PAGE 058-6 *** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97

MODIFICATION TITLE AND NO: AN/ALR-69 SYS IMPROVEMENT MN-18615B FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: Mod includes changes to two different LRUS. Mod to CM479 signal processor will correct memory space deficiencies, input/output deficiencies, and add MIL-STD-1553B data bus capability. Mod to C-10373 receiver/controller will correct deficiencies in TEAM LOG sensitivity for pulsed radar threats and in memory (both random access and programmable read only). These mods will: 1) improve reliability due to simplification. 2) quick reprogrammability for C10373, saving \$200K annually. 3) MIL-STD-1553B compatibility. 4) improved response to pulsed radar treats. This is a commodity mod. PE 0702207F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: MULTI

AIRCRAFT BREAKDOWN: Active -- 1220 RES -- 126 ANG -- 334

DEVELOPMENT STATUS: ECP not required. (card swapout only). CCB July 90. SOF: 154 competitive.

FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600)

AMT

														1						
														111111111111111111111111111111111111111						FOLLOW-ON LEAD TIME 7 MONTHS
					9.0												9.0		NOI	ξ
														1		!			METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION	INITIAL LEAD TIME 7 MONTHS
		19.2		0.2	1.2	5.1	1.5	1.8	10.4		0.2	1.5	1.2	1	2.9		42.3	DING.)	ALLATION -	LEAD TIME
		1680							(856)					1 1 1		1	1680	TO ROUN	N: INST	INITIAL
10)										INSTALLATION OF HARDWARE	KITS	KITS	KITS		TOTAL INSTALL QTY/COST		P-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)	LEMENTATIC	
PROCUREMENT (3010)	KITS NONRECUR	MENT	EQUIP NONREC	CHANGE ORDERS		SIM/TRAINER	SUPPORT-EQUIP	ARE	MOD OF SPARES	ATION OF	180	858	642		INSTALL		TOTAL COST (BP-1100)	LS MAY NO	D OF IMP	
PROCURE	KITS	EQUI PMENT	EQUIP	CHANG	DATA	SIM/T	SUPPO	SOFTWARE	MOD O	INSTALL	FY-92	FY-93	FY-94		TOTAL		TOTAL	(TOTA	METHO	

FACT SHEET: OTHER MA	1-18	INOI	ALR-69 SYS	AN/ALR-69 SYS IMPROVEMENT ED)	턴			(CONT	(CONTINUED)	
	FY	FY-01	£	FY-02	Ĭ±.	FY-03	TO	TO COMP	, TO	TOTAL
	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUI PMENT									1680	19.2
EQUIP NONREC										
CHANGE ORDERS										0.2
DATA										1.8
SIM/TRAINER										5.1
SUPPORT-EQUIP										1.5
SOFTWARE										1.8
MOD OF SPARES										10.4
INSTALLATION OF HARDWARE										
FY-92 180 KITS										0.2
FY-93 858 KITS										1.5
FY-94 642 KITS										1.2
	1	1		1] 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1	1
TOTAL INSTALL QTY/COST										2.9
TOTAL COST (BP-1100)			1 1		1	:	1	! ! ! !	1680	0 67
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNI	OING.)							200	6.34
MILESTONES										
	FY-92	FY-93	FY-94							
	!	-	1 1 1 1 1 1 1							
CONTRACT-DATE (QTR/FY)	3/92	4/93	1/94							
DELIVERY-DATE (QTR/FY)	3/93	2/94	4/94							

PAGE 058-8

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

DATE 02/14/97 FY 1998 PB

MODIFICATION TITLE AND NO: A/B SINCGARS AJ COMM MN-3429

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

EXHIBIT P3A CONGRESSIONAL

MODELS OF AIRCRAFT AFFECTED: MULTI

CENTER: ESC

TEAM C4I

PE 0207423F

DESCRIPTION/JUSTIFICATION: Modification incorporates airborne SINCGARS upgrades. The airborne SINCGARS will be placed on a repackaged existing VHF AJ Radio, which will be a form fit replacement for the current non AJARC-186. Note: SINCGARS - Single Channel Ground Altradio System.

AIRCRAFT BREAKDOWN: Active -- 992 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: FSD contract awarded May 87; DT&E/IOT&E Jan-Apr 89. Flight test Jan 89. Quality testing Nov 88-89.

PLAN	
FINANCIAL	
PROJECTED	

THE PROPERTY AND THE PARTY AND												
	PR	PRIOR	FY-	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FΥ	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		16.0	!	0.5		0.5						
PROCUREMENT (3010) INSTALL KITS												
KITS NONRECUR EQUIPMENT	901	24.5	06	1.3								
EQUIP NONREC		15.1										
CHANGE ORDERS												
DATA		3.6										
SIM/TRAINER		1.9										
SUPPORT-EQUIP		2.5										
		1111111	1	1 1 1 1 1 1 1	1		1 1 1		:			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)	902	47.6	90	1.3								
(TOTALS MAY NOT ADD DUE TO	\sim	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	ORG/INTE	SRMEDIATE								
1	INITIAL	INITIAL LEAD TIME 18 MONTHS	- 18 MON1	rhs	Ĕ	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 18 MONTHS	တ			

PAGE 058-9
*** UNCLASSIFIED ***

*
* * *
ž.
т.
\sim
==
ш
Ħ
ᇤ
JUCLASSIFIED
=
O,
တ
ď
: 7
∺
v
z
=
_
*
**
۰
T

(CONTINUED)

FACT SHEET: OTHER MN-3429 A/B SINCGARS AJ COMM PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-01	į	FY-02		FY-03		TO	TO COMP		TOTAL
	OTY 	AMT	OTY	AMT		OTY	AMT	QTY 	AMT	OTY 	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT										991	25.8
EQUIP NONREC										н	15.1
CHANGE ORDERS											
DATA											3.6
SIM/TRAINER											1.9
SUPPORT-EQUIP											2.5
				1 1 1		1					
TOTAL COST (BP-1100)										992	48.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUNI	OING.)									
MILESTONES											
	FY-89	FY-90	FY-91	FY-92	FY~93	FY-94	FY-95	FY-96			
			1	1111			1	1			
CONTRACT-DATE (QTR/FY)	1/90		1/92	4/92	1/93	3/95	3/96	3/96			
DELIVERY-DATE (QTR/FY)	3/91		3/92	1/94	3/94	1/97	2/98	1/98			

PAGE 058-10

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P3A CONGRESSIONAL

MN-64201F MODIFICATION TITLE AND NO: FLIGHT DATA RECORDER FY 1998 PB

DATE 02/14/97

CLC OTHER

MODELS OF AIRCRAFT AFFECTED: MH-53J

PE 0404102F

DESCRIPTION/JUSTIFICATION: Installs a Signal Data Recorder (SDR) to record data for either safety or Aircraft Structural Integrity Program (ASIP) application, a crash survivable Flight Data Memory Unit (FDMU) and supporting hardware to complete the system. Modification provides a crash survivable flight data recorder system to satisfy requirements stated in AFISC SON 01-79. PMD 5249 (7). ECP completes TEAM AIR installation of the Air Force standard ARN-147 VOR/ILS navigation system. CENTER: WR-ALC

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: MIPR: Apr 94. Contract Award Sep 94.

PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL PLAN												
	Ωī	PRIOR	FY	FY-96	FY	FY-97	FY-	FY-98	F	FY-99	F	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)							 		! ! !		1 1 1 1	
PROCUREMENT (3010)												
INSTALL KITS	40	9.0	47	0.4								
KITS NONRECUR	(1)	0.5	•	0.2								
EQUI PMENT	(41)	2.9	(47)	0.1								
EQUIP NONREC				0.1								
CHANGE ORDERS				0.1								
DATA		0.3		0.3								
SIM/TRAINER												
SUPPORT-EQUIP				9.0								
ECP ARN147 VOR				0.2								
INSTALLATION OF HARDWARE												
FY-94 40 KITS ((40)	0.4										
FY-96 47 KITS			(41)	0.2								
TOTAL INSTALL QTY/COST	40	0.4	47	0.2	!	1 1 1 1	! !	3 8 8	!	† 1 1 1 1		
	1	1	!!!!	1	1		1		!!!!		1	1
TOTAL COST (BP-1100)	40	4.6	47	2.1								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	44	NDING.)										
METHOD OF IMPLEMENTATION:	_	NSTALLATION DEPOT/FIELD TEAM	- DEPOT/F1	TELD TEAM								
-	INITIAL	INITIAL LEAD TIME 3 MONTHS	- 3 MONTE	43	Œ	FOLLOW-ON LEAD TIME 5 MONTHS	TAD TIME -	- 5 MONTHS				

* * *	
UNCLASSIFIED	
* *	

FLIGHT DATA RECORDER	
DATA	
FLIGHT	(Q;
MN-64201F	AN (CONTINUED
	L PLAN
: OTHER	PROJECTED FINANCIAL PL
FACT SHEET	CTED
FACT	PROJE

(CONTINUED)

	FY QTY	FY-01 AMT		FY-02 QTY	02 AMT			FY-03 AMT	E	TO QTY	TO COMP		TOTAL QTY	NL AMT		
RDT&E (3600)	1		 			' !			!	 		, !			!	
OCUREMENT (3010) INSTALL KITS													87	, 	0	
KITS NONRECUR EQUIPMENT														o m c	3.0	
EVOLF NONNEC CHANGE ORDERS DATA ,														000	0.1	
SIM/TRAINER SUPPORT-EQUIP ECP ARN147 VOR					•									00	0.6	
STALLATION OF HARDWARE FY-94 40 KITS FY-96 47 KITS												~ ~	40)	0 0	0.4	
TOTAL INSTALL QTY/COST	!		1	1								!		0.0	9.0	
TOTAL COST (BP-1100) TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROUN	DING.)	} }				! !		: : : : :	! ! !	; ; ; ;	: :	87	8 · 9	1 8 · 9	
	FY-94	FY-95	Ŀı		FY-97	FY-98	FY-99		FY-00							
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	4/94	; ! ! !	3/96		 	 			! ! !							
INSTALLATION SCHEDULE:	FY-94	r		FY-95	,	•	FY-96	, (0	-	FY-97	97	•	FY-98	38	-	
QUARTERS INPUT OUTPUT	v	n	-	4	n	T	N	າ	r	1	า	r	7	י	r 	
INSTALLATION SCHEDULE:	FY-99			FY-00												
QUARTERS 1	7	3	-	7	က	4										
INPUT	6	о О	en (,												
OUTPUT 1		51	6	m												

PAGE 058-12 *** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: COMMON MISSILE WARNING SYSTEM MN-CMMS

MODELS OF AIRCRAFT AFFECTED: F16/A-10

CENTER: ASC

TEAM INFO

PE 0207442F

DESCRIPTION/JUSTIFICATION: The CMWS is required to reduce combat aircraft attrition within areas that contain threats of increasing complexity and numbers. This system will meet operational requirements for missile warning to counter the post-2000 year missile threat with emphasis on IR surface-to-air threats.

DEVELOPMENT STATUS: PDR completed Jun 96. "Incremental" CDR's scheduled August 96 thru January 97. System CDR to occur Feb 97. Milestone III scheduled for Mar 00.

NCIAL PLAN	
PROJECTED FINANCIAL PLAN	

RDWARE TS TS TS TS TS TS TS TS TS TS TS TS TS	PROJECTED FINANCIAL PLAN	dOTAG	90-05	ú	50-70	20	00	À	o c	È	9
24.4 32.7 273 273 274 32.7 279 279 279 279 279 279 279 279 279 27			2	QTY							
7.8 (27) 7.8 (27) 7.8 (27) 7.8 (27) 7.8 (27) 7.8 (27) 7.8 (27) 7.8 1 INSTALLATION DEPOT INITIAL LEAD TIME 16 MONTHS FOLLOM-ON LEAD TIME 16 MONTHS	RDT&E (3600)	t	; ; ;		1	<u> </u>	24.4	i i i	32.7	:	33.0
7.8 (27) 7.8 (27) 7.8 (27) 7.8 (27) 1.8 (27)	PROCUREMENT (3010)										
7.8 (27) 7.8 (27) 7.8 (27) 7.8 (27)	INSTALL KITS									27	4.3
T.8 (27) T.8 (27) T.8 (27) T.8 (27) T.8 (27) T.8 (27) T.8 (27) T.8 (27)	KITS NONRECUR										
TO ROUNDING.) NH: INSTALLATION DEPOT INITIAL LEAD TIME 18 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	EQUI PMENT								7.8	(72)	23.2
TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.) TO ROUNDING.)	EQUIP NONREC										
: TO ROUNDING.) NN: INSTALLATION DEPOT INITIAL LEAD TIME 16 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	CHANGE ORDERS										0.2
: TO ROUNDING.) NN: INSTALLATION DEPOT INITIAL LEAD TIME 16 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	DATA										0.5
3. TO ROUNDING.) NN: INSTALLATION DEPOT INITIAL LEAD TIME 16 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	SIM/TRAINER										
: TO ROUNDING.) NY: INSTALLATION DEPOT INITIAL LEAD TIME 16 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	SUPPORT-EQUIP										0.1
ROUNDING.	STALLATION OF HARDWARE				•						
NEOUNDING.) INSTALLATION DEPOT FOLLOW-ON LEAD TIME 16 MONTHS	27										
N.8 27 T.8 27 INSTALLATION DEPOT FOLLOW-ON LEAD TIME 16 MONTHS	65										
NOUNDING.)	92										
) ROUNDING.) INSTALLATION DEPOT INSTALLATION 16 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	139										
) ROUNDING.) INSTALLATION DEPOT INSTALLATION 16 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	160										
NOUNDING.	110										
NEVERTHER NOTHS SOLLOW-ON LEAD TIME 16 MONTHS SOLUCE	130										
NEVEL LEAD TIME 18 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS NEVEL NE	122										
NEVEL LEAD TIME 18 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS STATE ST	21										
) ROUNDING.) INSTALLATION DEPOT FOLLOW-ON LEAD TIME 16 MONTHS T.8 27 T.8 27					!	1	1		111111111111111111111111111111111111111	1	* * * * * * * * * * * * * * * * * * * *
) ROUNDING.) INSTALLATION DEPOT TIAL LEAD TIME 18 MONTHS FOLLOW-ON LEAD TIME 16 MONTHS	TOTAL INSTALL QTY/COST										
INSTALLATION DEPOT TIAL LEAD TIME 18 MONTHS	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE	 ROUND	i						7.8	27	28.3
	IETHOD OF IMPLEMENTATION	V: INSTALLATION	DEPOT - 18 MONTHS	in.	OLLOW-ON LE	CAD TIME -	- 16 MONTH	ro			
								ı			

**	
UNCLASSIFIED	
* * *	

PROJECTED FINANCIAL PLAN		(CONTINUED)	(O3(
		FY-01			FY-02			FY-03			TO COMP			TOTAL	!
	QTY	4	AMT	QTY	. (AMT	ا	QTY 	AMT	OTY	į	AMT	OTY 	į	AMT
RDT&E (3600)			16.0		! !	28.1	i ! -								
PROCUREMENT (3010)	ÿ		α	0	63	α	,	139	8	5.43	~	40.7	998	v	8.69
INSIALL ALIS KITS NONRECUR	3		•	n	1	•	1	2	;)	•))	0.0
EQUI PMENT	(65)		40.0	(92)	-	61.8		(139)	89.3	(543)	_	220.1			442.2
EQUIP NONREC			C			0	,		c	_		7.3			9.6
Change Unders DATA			0.6			Ö	9.0		0.1			0.8			2.7
SIM/TRAINER						•	,		ć			6			
SUPPORT-EQUIP			0.5			ာ်	7.0		0.7	.,		2.			1.0
				(65)	~	5.1	-						(65)	_	5.1
92							_	92)	6.4				(92)	~	6.4
92										(139)	_	8.4	~	_	8.4
FY-03 139 KITS										(160)	_	7.5	_	_	7.5
160										(110)	_	2.8	-	_	2.8
110										(130)	_	3.6	٠ .		υ. ο ο
130										(122)	~ -	7.2	(122)		7.2
FY-07 122 KITS FY-08 21 KITS										17	_	7.7	17	_	7.7
	-	į		1	!		!	-		1	1		i	!	1
TOTAL INSTALL QTY/COST	27		2.0	65	65	5.1		95	6.4	1 682	2 !	31.6	866	; ; e	45.2
TOTAL COST (BP-1100)	65		51.9	0.	95	76.7		139	105.0		m	301.3	866	و	571.1
(TOTALS MAY NOT ADD DUE	E TO ROUNDING.)	NDING	<u>-</u>												
Milestones	FY-96		FY-97	FY-98		FY-99 I	FY-00	FY-01	FY-02	_		FY-04	FY-05	FY-06	FY-07
CONTRACT-DATE (QTR/FY)	1	İ	1		3/99		3/00	3/01	3/02		. m •		3/05	3/06	3/07
DELIVERY-DATE (QTR/FY)					1/01		4/01	Z0 / B	4/03	4/04		4/03	00/1	70/5)
INSTALLATION SCHEDULE:	FY-01			£	FY-02			FY-03			FY-04			FY-05	
QUARTERS	1 2	က	4			•	4 1							~ 5	
TUGNI	7 7	٠ ،	<u>ه</u> د	16	16 1	16 17	23	23	23 23	3 34	35	25	35 40	5 5	40 40
OUTPUT	1 1		٥											0	
INSTALLATION SCHEDULE:	Ē			Œ	FY-07			FY-08			FY-09				
QUARTERS	_	က	4						က	1	7	3	4		
INPUT	27 27	28	28	32	32	33 33	3 30	30	31 31	1 7	7	7			
		28	28							1 7	7	7			

FY-09

FY-08

PAGE 058-14

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MN-F16HTS MODIFICATION TITLE AND NO: HARM TARGETING SYSTEM DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC OTHER

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The ASQ-213 Pod, a High Speed Anti-Radiation Missile (HARM) Targeting System, senses enemy radar emissions and provides precision targeting information for the F-16 Block 50 F-16C. The F-16 HTS provides the only USAF HARM suppression capability since the retirement of the F-46 Wild Weasel in FY96. The AF completed procurement of 112 HTS pods in FY94. FY96 funding supports HTS activities initiated in BP19 in 1991. Installation costs are paid at time of contract award as kits are delivered as an installed unit, TEAM AIR PE 0207136F CENTER: ASC MODELS OF AIRCRAFT AFFECTED: MULTI (F-16)

DEVELOPMENT STATUS: HTS is operational on the F-16. A P3I development contract was awarded in FY96/2 to improve pod performance and design life extension modifications. Production contract is planned for FY98. 110 existing pods will be retrofit to the upgraded configuration in FY98 and 22 pods procured during FY95/96 Omnibus reprogramming will retrofit in FY99.

AIRCRAFT BREAKDOWN: Active -- 110 RES -- 0 ANG -- 0

0.1 0.1 AMT FY-00 55 55) QTY 6.0 2.4 3,3 AMT FY-99 22 11 22 77) OTY FOLLOW-ON LEAD TIME -- 14 MONTHS 11.0 13.6 12.2 9. AMT FY-98 110 110 OTY 12.4 AMT FY-97 OTY METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY 5.9 9.0 1.2 2.5 AMT FY-96 INITIAL LEAD TIME -- 14 MONTHS QTY AMT (TOTALS MAY NOT ADD DUE TO ROUNDING.) PRIOR QTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) KITS PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC 110 RDT&E (3600) SIM/TRAINER **EQUIPMENT** AIRCRAFT FY-98 FY-99 ICS ပ္ပ

*** UNCLASSIFIED *** PAGE 058-15

FACT SHEET: OTHER MA	1-F1	INUE	M TARGETI	HARM TARGETING SYSTEM					Ŏ)	(CONTINUED)	ED)		
	FY-01 QTY	.01 AMT	F QTY	FY-02 AMT	PY	FY-03 AMT		TO COMP QTY A	OMP		TO. QTY	TOTAL AMT	
RDT&E (3600)	! !	1	1 1 1				1			1		; 	
PROCUREMENT (3010) INSTALL KITS													
ALIS NONRECOR EQUIPMENT EQUIP NONREC											132	13.4	ਵਾਵਾ।
CHANGE OKDEKS DATA												0.0	.0
SIM/IRAINER SUPPORT-EQUIP ICS												1.2	2.5
AIRCRAFI OGC												1.9	6
FY-99 22 KITS										~	(132)		
TOTAL INSTALL QTY/COST								!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			132		
TOTAL COST (BP-1100) (TOTALS MAX NOT ADD DUE TO ROUNDING.) MILESTONES	TO ROUND	ING.)				 			! ! ! ! !		132	18.2	1 01
	FY-96	FY-97	FY-98	_	FY-00								
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	! ! !		2/98 3/99		1 1 1 1								
INSTALLATION SCHEDULE:	FY-96		FY-97	7	FY-	FY-98		FY-99	õ		FY	00-	
QUARTERS 1	7	3 4	1 2	3 4	1 2	2 3	4	1 2	3			8	4
INPUT									32	32	33 23	33 22	

PAGE 058-16

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: UHF SATCOM/ANDVT/DAWA UPGRADE MN-T8137 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI

PE 0303601F

CENTER: ESC

TEAM SPACE

DAMA and ANDVT for AMC, ACC and AIA. Platforms include aircraft, tankers, C4I aircraft, RC-135s and bombers. Kits NRE appears in all fiscal years due to start up of different platform types in each year. Data is required for each different platform type. FY96-99 is blue suit installation at organizational/intermediate level on AFSOC platforms. Remaining platforms require contractor depot installation SATCOM terminals containing Demand Assigned Multiple Access (DAMA)/Advanced Narrowband Digital Voice Terminal (ANDVT), as mandated by the EC-130E, MH-53J and MH-60G. FY99-03 provides acquisition and installation of state-of-the-art Airborne Integrated Terminal with embedded JCS for MILSATCOM access after 1 Oct 96 for entire AFSOC airborne fleet. AFSOC platforms include: AC-130H, AC-130U, MC-130E, MC-130E, DESCRIPTION/JUSTIFICATION: Provides AFSOC, AMC and ACC with UHF upgrades. FY96-98 provides acquisition and installation of modernized UHF in FY00-03.

AIRCRAFT BREAKDOWN: Active -- 649 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PR

PROJECTED FINANCIAL PLAN			i	į	İ	;	i	•	i	•	i	
	OTY	PRIOR AMT	FY-96 OTY	96 AMT	FY-97 OTY	.9./ AMT	FY. OTY	FY-98 AMT	FY- OTY	FY-99 AMT	FY-UU QTY	oo AMT
		1				1		1	! ! !			1
RDT&E (3600)	•					•						
PROCUREMENT (3010)												•
INSTALL KITS				0.3		2.6		0.5		0.2		9.0
KITS NONRECUR				0.9		4.3		2.1		1.3		3.4
EQUIPMENT			77	9.9	93	10.1	14	1.5	37	5.3	93	10.3
EQUIP NONREC				0.4				10.1				
CHANGE ORDERS												
DATA				3.2		2.1		1.2		2.3		1.5
SIM/TRAINER						0.3						
SUPPORT-EQUIP												
290						0.8		0.8		0.8		6.0
INSTALLATION OF HARDWARE	RE											
FY-96 77 KITS												
FY-97 93 KITS												
FY-98 14 KITS												
FY-99 37 KITS												
FY-00 93 KITS											(14)	2.7
FY-01 35 KITS												
FY-02 120 KITS												
FY-03 180 KITS	,											
	, ,						1	!!!!!!!	1	1		i
TOTAL INSTALL QTY/COST	ST			1 1 1 1		1	1	 	1	 	14	2.7
TOTAL COST (BP-1100)			77	11.3	93	20.3	14	16.2	37	10.0	93	19.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	DUE TO RO	UNDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION	TION: IN	STALLATION	- COMBINAT	NOI	i							
	INITIA	INITIAL LEAD TIME 12 MONTHS	12 MONT	HS	FO	LLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	S			

PAGE 058-17

*** UNCLASSIFIED ***

TIDGDADG	OFGRADE	
MARCAMANANA MODERS GHIL	SALCON/ AIVOV 1/ DAIL	
2011	One	UED)
7510T-MM	I CTOT-NE	, PLAN (CONTIN
COURT	OINER	-
ישטמוט שטעם	FACI SHEET:	PROJECTED FINANCIA

(CONTINUED)

	FY- QTY	FY-01 AMT	P	FY-02 AM	AMT	FY-03 QTY)3 AMT	TO QTY	TO COMP		TOTAL QTY	AMT
RDT&E (3600)	-				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				 	\ 	
PROCUREMENT (3010) INSTALL KITS		0.5			1.6		2.1					8.3
KITS NONRECUR		3.7			6.7		29.7					52.1
EQUI PMENT	32	3.6	120		14.6	180	18.0			•	649	70.3
EQUIP NONKEC CHANGE ORDERS												10.5
		4.3	-		5.3		1.3					21.2
SIM/TRAINER												0.3
SUPPORT-EQUIP												
		0.9			6.0		1.0					6.1
INSTALLATION OF HARDWARE FY-96 77 KITS												
93												
14												
										_	14)	2.7
32	(42)	6.9								,	42)	6.9
FY-02 120 KITS			(32)		7.4	1001				(35)	35)	7.4
	1	1	1	1	- ⁱ !	120)	13.3	1	1	ĭ	160)	13.3
TOTAL INSTALL QTY/COST	42	6.9	35		7.4	120	13.3				211	30.3
TOTAL COST (BP-1100) 35 20 (TOTALS MAY NOT ADD DUE TO ROUNDING.)	35 TO ROUNI	20.1 DING.)	ı	· · · · · · · · · · · · · · · · · · ·	36.6	180	65.3			~	649	199.0
COND	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	124	ш
CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	! ! !	 	4/96	1/97	1/98	1/99	1/00	1/01	1/02	1/03	1]] 1 1 1
INSTALLATION SCHEDULE:	FY-94		FY-95	ñ		FY-96		FY	FY-97		FY-98	
QUARTERS 1	7	3 4	1 2	m	4 1	2	3	₩	3	4 1		e 2
OUTPUT										ń		36 36
INSTALLATION SCHEDULE:	FY-99		FY-0	9		FY-01		FY	FY-02		FY-03	
QUARTERS 1	2	3 4	1 2		4 1							က
	7	ı		14	10	10	10 12	6	6	8 30	30	30 30
OUTPUT 37		7			14	10						
INSTALLATION SCHEDULE:	FY-04		FY-05									
	~ ;	ε (4 (1 2	m	4							
INPUT 42	42	42 42	ç									
	7		7.		2	000						

PAGE 058-18 *** UNCLASSIFIED ***

DATE 02/14/97

FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

MODIFICATION TITLE AND NO: HF MODERNIZATION MN-T8174

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

DESCRIPTION/JUSTIFICATION: Provides simple air to ground coded signaling used internationally by commercial aviation and civil air traffic control stations to selectively alert aircrew that a call is being directed to their aircraft. Reduces aircrew requirement to continuously monitor RF radios, greatly reducing aircrew fatigue. Requires a modified ARC-190 and exclusive call LRU. TEAM LOG PE 0702207F CENTER: WR-ALC MODELS OF AIRCRAFT AFFECTED: C5,C141,KC10,KC135

AIRCRAFT BREAKDOWN: Active -- 4000 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Kits FOE the modification of ARC-190 have been engineered, designed and developed. The exclusive call LRU is developed. Initial contracts are being established for procurement.

	ជ	FRIOR	-	FILTO	1 2	16-13	1	F1-30	1.2	£1-33	1	00-13
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
		1111111	1 1 1 1	1	1				1		1	1 1 1 1 1 1 1
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	٠					•						
KITS NONRECUR						0.8						
EQUIPMENT	1354	11.3	654	2.9	38	0.2	444	2.0	224	1.0	154	9.0
EQUIP NONREC		0.3										
CHANGE ORDERS												
DATA		0.3										
SIM/TRAINER						0.3						
SUPPORT-EQUIP						0.1		0.2				
PMA						0.3		0.3		0.1		0.1
	1	1 1 1 1 1	1		!							!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
TOTAL COST (BP-1100)	1354	11.9	654	3.0	38	1.7	444	2.5	224	1.2	154	0.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	E TO ROUN	(DING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	- ORG/INT	ERMEDIATE								

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

	AL AMT			0.8	18.0	0.3		0.3	0.3	0.3	0.9		20.9					
NUED)	TOTAL QTY				2868								2868					
(CONTINUED)	OMP AMT																	
	TO COMP QTY /											-						
	03 AMT																	
	FY-03 QTY														FY-99	1	1/00	
															FY-98	1	1/99	i
ION	FY-02 AMT														FY-97		1/98	
HF MODERNIZATION JED)	P	: : : :													FY-96	1	1/97	
TIN	-01 AMT	 												OING.)	FY-95	1	1/96	
-18 -18	FY-01 QTY	! ! !												TO ROUNI	FY-94	1	1/95	
FACT SHEET: OTHER MN PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	PMA		TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES			CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	

PAGE 058-20

UNCLASSIFIED

		BUDGET ITEN (EXHIB	TEM JUSTIFICATION HIBIT P-40)				DATE FEBRUARY 1997	۲۷ 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	RAFT MODIFICATIONS	SN	P-1 ITEM NOMENO	P-1 ITEM NOMENCLATURE: CLASSIFIED PROJECTS	ED PROJECTS		
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$19.864	\$2.997	\$7.552	\$7.802	\$7.975	\$8.156	\$8.648	\$8.830

This line item funds classified modifications to classified projects. The overall goal of the modifications budgeted in FY98 is classified. The specific modifications budgeted and programmed are below.

CLASS		ΣΙ	ATION TITLE	FY-96	FY-97	FY-98		FY-00 FY-01	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
Q.		COMPASS CALL	CALL		3.0	7.6	7.8	8.0	8.2	9.8	8.8		176.5
	1001	COBRA BALL		19.9									19.9
		CLASS P	TOTAL FOR CLASSI	19.9	3.0	7.6	7.8	8.0	8.2	9.8	8.8		
TOTAL	TOTAL FOR CLASSI	LASSI		19.9	3.0	7.6	7.8	8.0	8.2	8.6	8.8		

Totals may not add due to rounding.

~	-	ı
<u>ک</u>	, ה	I
		I
		ļ
		1
		l
		I
PAGE NO.	-	
P-1 SHOPP LIST PAGE NO.	ITEM NO. 059	
		١

UNCLASSIFIED

MODIFICATION OF AIRCRAFT

DATE 02/14/97

FY 1998 PB

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC CLASSI CLASS P

TEAM INFO DESCRIPTION/JUSTIFICATION: These funds are required to provide for the modification of aircraft and airborne systems used in classified missions, which because of their sensitive nature require the application of special management and security safeguards. Special PE. 0207253F justifications are provided through classified intelligence channels. CENTER: ASC MODIFICATION TITLE AND NO: COMPASS CALL MN-1001 MODELS OF AIRCRAFT AFFECTED: MULTIPLE

DEVELOPMENT STATUS: N/A.

FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

AMT

OTY

FY-00

AMT RDT&E (3600)

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC

CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP CLASSIFIED

9.0 124.0

124.6

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- MONTHS TOTAL COST (BP-1100) 124 (TOTALS MAY NOT ADD DUE TO ROUNDING.)

MONTHS FOLLOW-ON LEAD TIME --

8.0

7.8

7.6

8.0

7.8

7.6

3.0

*** UNCLASSIFIED *** PAGE 059-1

	TOTAL	AMT										175.9	9.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	176.5
(CONTINUED)	T	OTY												1	
(CONT)	TO COMP	AMT												1 1 1 1 1 1 1 1 1 1 1 1	
	TO	OTY												!!!!!!	
	FY-03	AMT										8.8		1 1 1 1 1 1 1	8.8
	FY	QTY												1	
	FY-02	AMT										9.8		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8.6
SS CALL	FY	OTY												1 1 1	
MN-1001 COMPASS CALL N (CONTINUED)	FY-01	AMT										8.2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8.2
MN-1001 AN (CC	FY	QTY												1	
FACT SHEET: CLASSI MPROJECTED FINANCIAL PLAN			RDT&E (3600)	PROCUREMENT (3010)	KITS NONRECUR	EQUI PMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	CLASSIFIED	TIBS		TOTAL COST (BP-1100)

DATE 02/14/97

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC CLASSI CLASS P

TEAM NFIP

PE 0301314F

CENTER: ASC MODIFICATION TITLE AND NO: COBRA BALL MN-1007 MODELS OF AIRCRAFT AFFECTED:

DESCRIPTION/JUSTIFICATION: Classified Modification.

DEVELOPMENT STATUS:

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 OTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

RDT&E (3600)

19.9

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIP NONREC
CHANGE ORDERS
DATA SIM/TRAINER

SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL QTY/COST

19.9

INITIAL LEAD TIME -- MONTHS TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION ---

FOLLOW-ON LEAD TIME -- MONTHS

PAGE 059-3
*** UNCLASSIFIED ***

		;			6.									!		!	6
	TOTAL	AMT			19.9									!!!!!!!!!			19.9
NUED)	TC	QTY														1 1 1	
(CONTINUED)	TO COMP	AMT												1		1 1 1 1 1	
	TO	QTY												1			
	FY-03	AMT														1	
	FY	QTY												1		1	
	FY-02	AMT															
BALL	<u>E</u>	QTY															
MN-1007 COBRA BALL N (CONTINUED)	FY-01	AMT														1 1 1 1 1 1	
MN-1007 IN (CC	F	OTY															
FACT SHEET: CLASSI MN-1007 COBE PROJECTED FINANCIAL PLAN (CONTINUED)			RDT&E (3600)	PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE		TOTAL INSTALL OTY/COST		TOTAL COST (BP-1100)

UNCLASSIFIED

		BUDGET ITEN (EXHIB	ET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE FEBRUA	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY IRCRAFT MODIFICATIONS	AFT MODIFICATION	SP	P-1 ITEM NOMENCLATURE: DARP	LATURE: DARP			
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$51.455	\$279.446	\$67.136	\$77.220	\$77.440	\$57.321	\$65.536	\$46.316

This line item funds classified modifications to the Defense Airborne Reconnaissance Program aircraft. The overall goal of the modifications budgeted in FY98 is classified. The specific modifications budgeted and programmed are below.

	MOD			FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
CLASS	NR	MODIFICAT	MODIFICATION TITLE									TO GO	PROG.
Ь	3009R	REENGINE		46.5	99.9								146.3
	4263	RIVET JOINT	I		65.2	61.1	69.1	68.8	49.4	56.5	36.6		406.7
	4265	COMBAT SEN	. 1		1.0	0.9	8.2	8.7	7.9	9.0	7.6	•	50.5
	4480	FLEET EXPANSION	NSION		41.7								41.7
	4485	RC-135 SENSOR MOD	SOR MODIFICATIONS		10.0								10.0
	4486	U-2 REPAIRS	Ø		5.0								5.0
	4487	SR-71			0.6								9.0
	4488	U-2 SYERS			10.0								10.0
	4489	U-2 SENSOR CO	CONVERSION		37.7								37.7
	DATALK	DATA LINK		5.0									18.5
	J	CLASS P	TOTAL FOR DARP	51.5	279.4	67.1	77.2	77.4	57.3	65.5	46.3		
TOTAI	TOTAL FOR DARP	ą,		51.5	279.4	67.1	77.2	77.4	57.3	65.5	46.3		

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 060	PAGE NO.	γ ς

UNCLASSIFIED

DATE 02/14/97 FY 1998 PB

MODIFICATION OF AIRCRAFT FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP

EXHIBIT P3A CONGRESSIONAL

TEAM INFO PE 0305207F MODIFICATION TITLE AND NO: REENGINE MN-3009R

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DESCRIPTION/JUSTIFICATION: Modifies RC-135 aircraft with more powerful, fuel efficient F108 (CFM-56) engines, allowing takeoff on shorter runways with higher gross weights. The cleaner, quieter F108 engines meet or exceed all noise and pollution standards. Over 25 other systems, including the landing gear, will extend the life of these aircraft into the 21sT Century.

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: RC-135

DEVELOPMENT STATUS: Engineering activities underway.

PROJECTED FINANCIAL PLAN												
	PRIOR	OR	FY-	FY-96	FY-97	-97	FY-98			FY-99		FY-00
	QTY	AMT	OTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				31.2								
PROCUREMENT (3010)												
INSTALL KITS			7	17.9	4	42.3						
KITS NONRECUR												
EQUI PMENT			(2)	28.6	(4)	57.6						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 2 KITS												
FY-97 4 KITS												
	1 1 1 1 1 1	1					1	1111111				!
TOTAL INSTALL QTY/COST												
			1	1 1 1 1 1 1		1111111	1 1 1 1		1	1 1 1 1 1		
TOTAL COST (BP-1100)			2	46.5	4	6.66						
(TOTALS MAY NOT ADD DUE TO	0	ING.)										
METHOD OF IMPLEMENTATION:	N: INSTR	N: INSTALLATION DEPOT	· DEPOT	on	ŭ	SHENOW FC SMITH GEGI NO-MOITOS	יי מאדידי ממי	HTNOM AC -	ø			
	TUTTITUT	EMU LIME	NOW 57	9	4	DELON-OR DE	ant da	1711011 57	2			

OTY OST DUE TO ROUN FY-96	MN-3009R REENGINE LAN (CONTINUED)	Y-01 FY-02 FY-03 TO COMP TOTAL	AMT QTY AMT QTY AMT QTY		6 60.2	86.2								6 146.3	NDING.)	FY-97			1/97
CTY E TO ROUND FY-96 4/96	i	F.I - 0.2	QTY								!!!!!		! ! ! !			7			
.0) HARDW KITS CITS QTY/C OTY/C OT ADD		FY-01							INSTALLATION OF HARDWARE			TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100)	D DUE TO ROUNDING.)		11111	4/96	4/98

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP CLASS P EXHIBIT P3A CONGRESSIONAL PE 0305207F TEAM INFO MODIFICATION OF AIRCRAFT FY 1998 PROGRAM CENTER: ASC FY 1998 PB MODIFICATION TITLE AND NO: RIVET JOINT MM-4263 MODELS OF AIRCRAFT AFFECTED: RC-135 DATE 02/14/97

DEVELOPMENT STATUS: Classified in nature. Development status can be provided upon request.

DESCRIPTION/JUSTIFICATION: Procures and installs various classified modifications on RC-135 aircraft.

PROJECTED FINANCIAL PLAN												
	PR	PRIOR	FY	FY-96	FY	FY-97	FY	FY-98	FY	FY-99	FΥ	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	1	1 1 1	1 1 1	1 1 1 1 1	! ! !	1	1		1	1	1	
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS						65.2		61.1		69.1		68.8
KITS NONRECUR												
EQUI PMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
	!		1 1 1		-	1	1		1	1 1 1 1 1 1	 	1 1 1 1 1 1 1
TOTAL COST (BP-1100)						65.2		61.1		69.1		8.89
(TOTALS MAY NOT ADD DUE TO	_	ROUNDING.)										
METHOD OF IMPLEMENTATION:		INSTALLATION ORG/INTERMEDIATE	ORG/INT	ERMEDIATE								
, ,	INITIAL	TIAL LEAD TIME 12 MONTHS	- 12 MON	THS	[E4	OLLOW-ON LE	AD TIME	FOLLOW-ON LEAD TIME 12 MONTHS	S			

PAGE 060-3
*** UNCLASSIFIED ***

*
÷
~
\sim
\Box
ы
н
1
н
ASS
LAS
-3
U
7
#
₽
*
*

PROJECTED FINANCIAL PLAN (CONTINUED)	NITHOED)								
FY	-01	FY	-02	FY	-03	To	COMP	TC	TOTAL
QTY	AMT	QTY	AMT	OTY	AMT	QTY	AMT	OTY	AMT
	49.4		56.5		36.6				406.7
!!!!!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1 1 1 1 1 1 1 1 1	1 1 1	1			 - -	1111111111
	49.4		56.5		36.6				406.7
A.	OTY PY.	EY-01 OTV AMT 49.4	OTY 4	Y-01 AMT QTY Y-01 A9.4	Y-01 AMT QTY AMT QTY 49.4 56.5	Y-01 AMT QTY AMT QTY A 49.4 56.5	Y-01 AMT QTY AMT QTY AMT QTY AMT QTY 49.4 56.5 36.6	49.4 FY-02 FY-03 TO OTY AMT OTY AMT OTY OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY OTY AMT OTY OTY AMT OTY OTY AMT OTY OTY AMT OTY OTY AMT OTY OTY AMT OTY OTY AMT OTY OTY AMT OTY OTY OTY OTY OTY OTY OTY OTY OTY OT	'Y-01 FY-02 FY-03 TO COMP AMT QTY AMT QTY 49.4 56.5 36.6 36.6 36.6

PAGE 060-4 *** UNCLASSIFIED ***

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MODIFICATION TITLE AND NO: COMBAT SENT MN-4265 DATE 02/14/97 FY 1998 PB

CENTER: ASC

TEAM INFO

PE 0305207F

MODELS OF AIRCRAFT AFFECTED: RC-135U

DESCRIPTION/JUSTIFICATION: Classifed modification.
AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

8.7 8.7 AMT FY-00 QTY 8.5 8.2 AMT FY-99 QTY 9.0 6.0 AMT FY-98 QTY 1.0 1.0 AMT FY-97 QTY TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION --- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS AMT FY-96 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS DATA SUPPORT-EQUIP EQUIP NONREC RDT&E (3600) SIM/TRAINER **EQUIPMENT**

FOLLOW-ON LEAD TIME -- 12 MONTHS

* * *
UNCLASSIFIED
* * *

(CONTINUED)	TOTAL QTY AMT		50.5											
(CON	TO COMP							1						
	TO QTY													
	03 AMT		7.6						9.7					
	FY-										E4	1	1/01	1/02
			0.6								FY-00	1	1/99	1/01
	FY-										FY-99	1	1/99	1/00
SENT	QTY										FY-98	1	1/98	1/99
MN-4265 COMBAT SENT LAN (CONTINUED)	-01 AMT		7.9						7.9	OING.)	FY-97	!!!!	2/97	2/97
IN-4265 IN (CON	FY-01 QTY									TO ROUN	FY-96			
FACT SHEET: DARP MN-PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT	EQUIP NONREC	DATA	SIM/TRAINER	SUPPORT-EQUIP	TOTAL COST (BP-1100)	(TOTALS MAY NOT ADD DUE TO ROUNDING.)			CONTRACT-DATE (QTR/FY)	DELIVERY-DATE (QTR/FY)

DATE 02/14/97	MODIFICATION FY 1998	ICATION OF AIRCRAFT		ЕХНІЕ	EXHIBIT P3A CONGRESSIONAL
FY 1998 PB MODIFICATION TITLE AND NO: FLEET EXPANSION	MN-4480		APPROPRIAT	ION: AIRCRAFT PF CLC DF	APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP CLASS P
MODELS OF AIRCRAFT AFFECTED: RC-135V/W	CENTE	CENTER: ASC		00 ∃d	0305207F TEAM INFO
DESCRIPTION/JUSTIFICATION: This mod converts two C-135B aircraft to RC-135V/W Rivet Joint configuration. Specifica modifications are classified.	ts two C-135B aircraft	to RC-135V/W Rive	t Joint configuration	n. Specifica mo	odifications are
DEVELOPMENT STATUS:					
PROJECTED FINANCIAL PLAN PRIOR QTY AMT	FY-96 QTY AMT (FY-97 QTY AMT	FY-98 QTY AMT (FY-99 QTY AMT	FY-00 QTY AMT
RDT&E (3600)					
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 1 KITS		1 41.7			
TOTAL INSTALL QTY/COST					
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME	Months	1 41.7 FOLLOW-ON LEAD TIME	O TIME MONTHS		

PAGE 060-7
*** UNCLASSIFIED ***

*	
UNCLASSIFIED	
*	

		!	r	į.	i
	TOTAL AMT	! ! ! ! !	41.7	1 1 1 1 1	41.7
NUED)	TO QTY	1	ı		"
(CONTINUED)	TO COMP			 	
	TO QTY			! ! !	! ! !
	FY~03 AMT	 		1	1
	FY QTY	1 1 1 1	•	!	
	FY-02 AMT	 		1	
KPANSION	FY QTY	!		1	; ; ;
MN-4480 FLEET EXPANSION LAN (CONTINUED)	FY-01 AMT	 			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IN-4480 IN (CO	ey Qty	; ; ;		1	
FACT SHEET: DARP MN-4480 FLEET PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	CITY TAMONI IAM	TOTAL COST (BP-1100)
FACT		RDT&	PROCURE INSTR KITS EQUIF EQUIF CHANG DATA SIM/T	C 13	TOTAL

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP CLASS P MODIFICATION OF AIRCRAFT FY 1998 PROGRAM FY 1998 PB MODIFICATION TITLE AND NO: RC-135 SENSOR MODIFICATIONS MN-4485 DATE 02/14/97

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications. These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: RC-135V/W

PE 0305207F TEAM INFO

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	۵	PRIOR	FY-96	96	FY-97	.97	FY-98	86-	- <u>¥ 3</u>	FY-99	FY	FY-00
		AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)) 		! ! ! !	!	1		 	<u> </u>	1 1 1 1 1 1		! ! ! ! !
PROCUREMENT (3010)					-	10.0						
KITS NONRECUR					ı							
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
				1	!!!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	11111	1 1 1 1 1 1 1	!!!!!!	
TOTAL INSTALL QTY/COST												
	1		1 1 1 1 1		!!!!	1 1 1 1 1 1 1 1 1	1 1 1 1			1 1 1 1 1 1 1		
TOTAL COST (BP-1100)						10.0						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)	TO ROU	'NDING.)										
METHOD OF IMPLEMENTATION: INSTALLATION	N: INS	TALLATION										
	INITIAL	INITIAL LEAD TIME	- MONTHS		FC	FOLLOW-ON LEAD TIME MONTHS	AD TIME -	MONTHS				

PAGE 060-9 *** UNCLASSIFIED ***

	Ŀ	10.0			10.0
	TOTAL AMT	Т			10.0
NUED)	TO QTY			!	1
(CONTINUED)	TO COMP				!
	TO QTY			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
	FY-03 AMT				
	FI			!	
MN-4485 RC-135 SENSOR MODIFICATIONS LAN (CONTINUED)	FY-02 AMT				
SENSOR M	PTY				
RC-135	FY-01 AMT				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IN-4485 IN (CO	FY QTY			; ; ;	
FACT SHEET: DARP MN-4485 RC-13 PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600) PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 1 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100)

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP CLASS P EXHIBIT P3A CONGRESSIONAL MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MODIFICATION TITLE AND NO: U-2 REPAIRS MN-4486 DATE 02/14/97 FY 1998 PB

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications. These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: U-2

TEAM INFO

PE 0305207F

DEVELOPMENT STATUS:

AMT FY-00 QTY AMT FY-99 QTY FOLLOW-ON LEAD TIME -- MONTHS AMT £Y-98 QTY 5.0 5.0 AMT FY-97 QTY AMT FY-96 (TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -INITIAL LEAD TIME -- MONTHS QTY AMT PRIOR OTY PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL INSTALL QTY/COST TOTAL COST (BP-1100) KITS PROCUREMENT (3010) EQUIPMENT
EQUIP NONREC
CHANGE ORDERS SIM/TRAINER SUPPORT-EQUIP KITS NONRECUR INSTALL KITS RDT&E (3600) DATA

*** UNCLASSIFIED *** PAGE 060-11

2	
7	
ASST	
'n	
ň	
"	
4	
כ	
≂	
_	
ĸ	
k	
k	

	AMT		5.0	!	5.0
ED)	ror		н		1
(CONTINUED)	1MT				
	O	1 			
	03 AMT	 		1	
	FY -	1 1 1 1		1	
	02 AMT				
MN-4486 U-2 REPAIRS LAN (CONTINUED)	FY-02 QTY	! ! !			!
	01 AMT			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4N-4486 AN (CON	FY-01 QTY	1 1 1		1	
FACT SHEET: DARP MN-4486 U-2 R PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE EV. OT 1 FITTER)	TOTAL INSTALL QTY/COST TOTAL COST (BP-1100)

PAGE 060-12 *** UNCLASSIFIED ***

EXHIBIT P3A CONGRESSIONAL APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP MODIFICATION OF AIRCRAFT FY 1998 PROGRAM FY 1998 PB MODIFICATION TITLE AND NO: SR-71 MN-4487 DATE 02/14/97

PE 0305207F

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications. These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: U-2

TEAM INFO

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	10	00100	90 7.3	y	EV. 0.7	07	90 ->4	a	EV	00°	> 1	00-
	QTY	AMT	OTY .	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				 	-			1				
PROCUREMENT (3010) INSTALL KITS					FH	0.6						
KITS NONRECUR EOUIPMENT												
EQUIP NONREC												
CHANGE ORDERS DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE							•					
FY-97 1 KITS												
TOTAL INSTALL QTY/COST	1 1 1 1											
	!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!				
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO		SOUNDING.)			П	0.6						
METHOD OF IMPLEMENTATION:	ISNI :	INSTALLATION										
H	INITIAL	INITIAL LEAD TIME	- MONTHS		EQ.	FOLLOW-ON LEAD TIME MONTHS	ND TIME -	- MONTHS				

PAGE 060-13
*** UNCLASSIFIED ***

*	
UNCLASSIFIED	
*	

			_												_
	TOTAL AMT		0.6												0.6
(CONTINUED)	T QTY		7											1	7
(CONT	TO COMP													1 1 1 1 1 1 1 1	
	TO QTY													1	
	FY~03 AMT											1 1 1 1 1 1 1 1 1 1		1	
	FY											1		1	
	FY-02 AMT														
	FY											1			
MN-4487 SR-71 LAN (CONTINUED)	FY-01 AMT											1 1 1 1 1 1 1			
IN-4487 IN (CC	E														
FACT SHEET: DARP MN-4487 SR-71 PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	INSTALL KITS KITS NONDECTED	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY-97 1 KITS		TOTAL INSTALL QTY/COST		TOTAL COST (BP-1100)

EXHIBIT P3A CONGRESSIONAL MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MODIFICATION TITLE AND NO: U-2 SYERS MN-4488 DATE 02/14/97 FY 1998 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP CLCS P

TEAM INFO

PE 0305207F

DESCRIPTION/JUSTIFICATION: Modifies Senior Year Electro-Optical System (SYERS) to gain geolocational accuracy to support PGM targeting. Modifies fleet to a commom Multi-Spectral Imagery (MSI) configuration.

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: U-2

DEVELOPMENT STATUS:

AMT FY-00 QTY AMT FY-99 9 QTY FOLLOW-ON LEAD TIME -- 12 MONTHS AMT FY-98 QTY 10.0 10.0 AMT FY-97 QTY AMT TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MONTHS FY-96 QTY AMT PRIOR QTY SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL INSTALL OTY/COST PROJECTED FINANCIAL PLAN 6 KITS PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS DATA EQUIP NONREC RDT&E (3600) **EQUIPMENT** FY-97

*** UNCLASSIFIED *** PAGE 060-15

*	
UNCLASSIFIED	
* *	

	AMT		10.0			10.0		
NUED)	TOTAL		v	(9)	9	ı		
(CONTINUED)	о сом							FY-99 1 2 3 4 2 2 2 2 2 2
	FY-03 AMT							FY-98
	FY-02 QTY AMT					FY-99	5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FY-97 2 3 4
MN-4488 U-2 SYERS AN (CONTINUED)	FY-					,	2/98	FY~96 2 3 4 1
FACT SHEET: DARP MN- PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE FY-97 6 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES FY-9	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE EXHIBIT P3A CONGRESSIONAL CLC DARP MODIFICATION OF AIRCRAFT FY 1998 PROGRAM MODIFICATION TITLE AND NO: U-2 SENSOR CONVERSION MN-4489 DATE 02/14/97 FY 1998 PB

TEAM INFO

PE 0305207F

DESCRIPTION/JUSTIFICATION: Converts older U-2 Sensors to a commom baseline configuration.

CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: U-2

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

AMT FY-00 QTY AMT FY-99 QTY AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT PRIOR QTY PROCUREMENT (3010) INSTALL KITS RDT&E (3600)

ŝ 37.7 TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MONTHS SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY-97 3 KITS TOTAL INSTALL QTY/COST KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS SIM/TRAINER DATA

FOLLOW-ON LEAD TIME -- 12 MONTHS

(VED)	TOTAL	QTY AMT		3 37.7		(3)	3	3 37.7			
(CONTINUED)	TO COMP	Y AMT					1				
	FY-03	AMT QTY									8 m m m
	FY	QTY	1			!	!				FY-98
NVERSION	FY-02	AMT	1			1 1	1				FY-97 2 3 4
U~2 SENSOR CONVERSION :NUED)			1			1	1		FY-98		FY 1
CINO	FY-01					1	!	(OUNDING.)		3/97 3/98	2 3 4
FACT SHEET: DARP MN-4489 PROJECTED FINANCIAL PLAN (C		YTQ	RDT&E (3600)	INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	FY-97 3 KITS	TOTAL INSTALL QTY/COST	TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES		CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: FY-96 QUARTERS 1 2 INPUT OUTPUT

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC DARP CLASS P EXHIBIT P3A CONGRESSIONAL TEAM INFO PE 0305207F MODIFICATION OF AIRCRAFT FY 1998 PROGRAM CENTER: ASC MODIFICATION TITLE AND NO: DATA LINK MN-DATALK MODELS OF AIRCRAFT AFFECTED: SR-71 DATE 02/14/97 FY 1998 PB

DESCRIPTION/JUSTIFICATION: Dollars represent data link installation, aircraft common support equipment, components, peculiar ground support equipment, engineering data, and other related modification costs as directed by DARP.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/a.

	PRIOR	FY-96	96	FY-	FY-97	FY-	FY-98	FY	FY-99	FY	FY-00
XIQ	Y AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		 		!		1	 - - - - - - - - - - - - -	!	: : : : :		 - - - - -
PROCUREMENT (3010) INSTALL KITS KITS NONFECUR FOUT PMENT	13.5		5.0								
EQUIP NONREC CHANGE ORDERS DATA											
SIM/TRAINER SUPPORT-EQUIP											
;				i					1		f E S 1 2
TOTAL INSTALL QTY/COST		-		!	1	1	1		1		1
TOTAL COST (BP-1100)	13.5		5.0								
(TOTALS MAY NOT ADD DUE TO R METHOD OF IMPLEMENTATION: I	TO ROUNDING.) N: INSTALLATION CONTRACTOR FACILITY INTEL: LEAD TIME 6 MONTHS	CONTRACT	OR FACILITY	ŭ	3.1 NO-WO.L.TC	AD TIME -	FOLLOW AMT GASI NO-WOLLOS				

PAGE 060-19
*** UNCLASSIFIED ***

FACT SHEET: DARP MN-DATALK DATA LINK PROJECTED FINANCIAL PLAN (CONTINUED)

TOTAL QTY AMT TO COMP QTY AMT FY-03 QTY AMT FY-02 QTY AMT FY-01 QTY

AMT

(CONTINUED)

18.5

RDT&E (3600)

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL OTY/COST

TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.) MILESTONES

18.5

FY-96

2/96 FY-95 ----2/95 4/95 CONTRACT-DATE (QTR/FY)
DELIVERY-DATE (QTR/FY) PAGE 060-20
*** UNCLASSIFIED ***